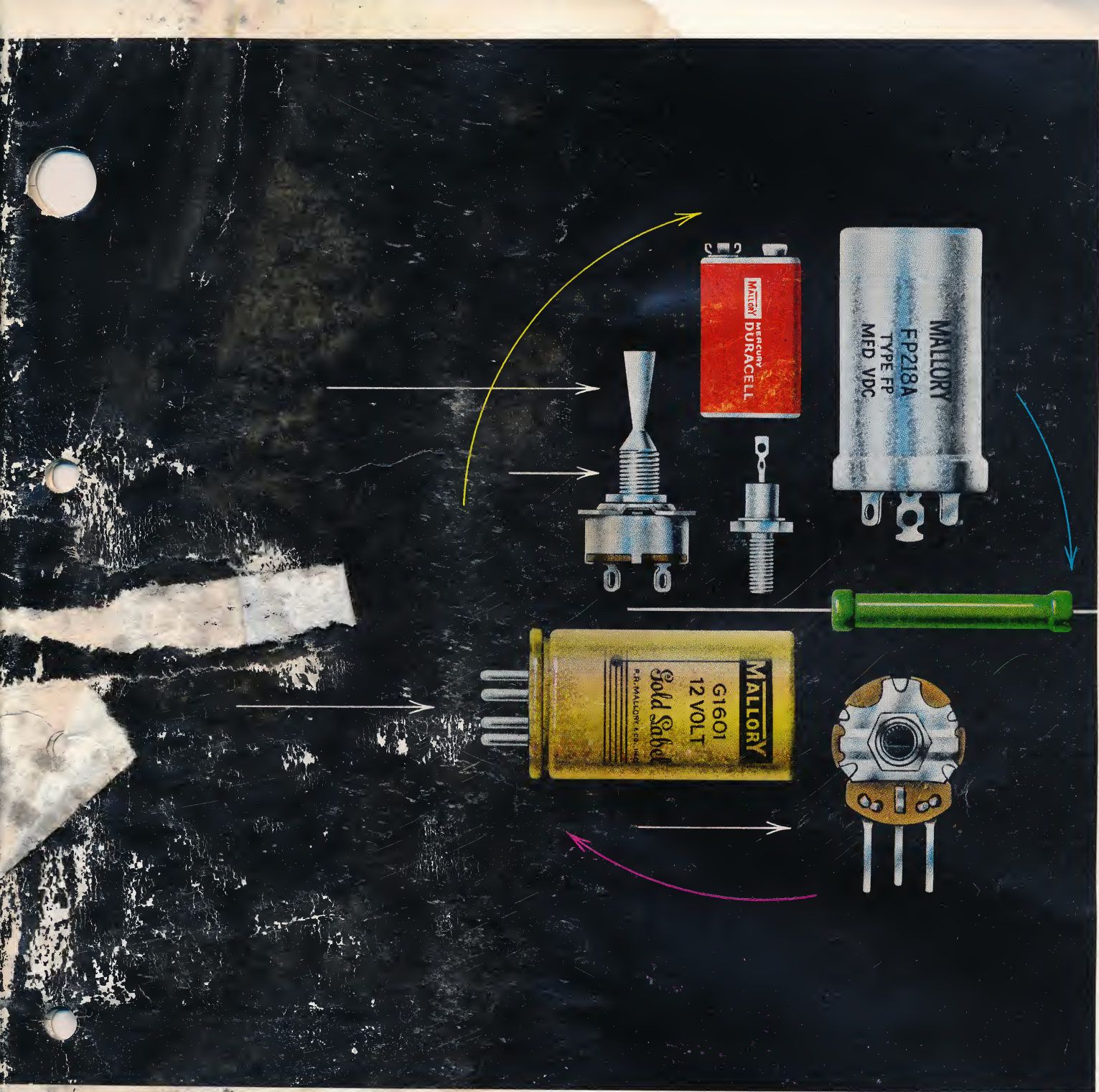




PRECISION ELECTRONIC COMPONENTS
GENERAL CATALOG.

1965

MALLORY DISTRIBUTOR PRODUCTS COMPANY

a division of P. R. MALLORY & CO. INC.
INDIANAPOLIS, INDIANA 46206

MALLORY

INTRODUCTION

The 1965 Mallory General Catalog presents the full line of precision electronic components available from Franchised Mallory Distributors. These components are shown in condensed form on the following pages. For more detailed information, ask your Mallory Distributor for the appropriate Technical Data Bulletin.

Prices shown in this catalog are intended solely as a guide and are subject to change without notice.

Because of the extremely broad nature of the Mallory line, some of the products shown in this catalog may not be stocked by your local Mallory Distributor. He will, however, be pleased to help you in any way possible. Remember, your Mallory Distributor is your best source for all of your electronic requirements.

New items in the 1965 catalog are preceded by a dot (•).

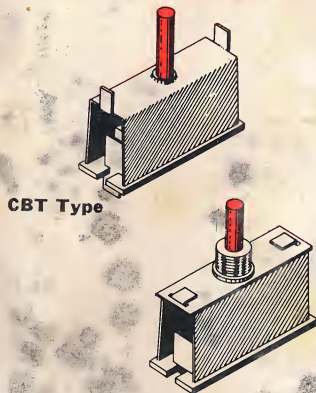
MALLORY

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Switches, Breakers, Timers

● CIRCUIT BREAKERS



CBB Type

Exact replacement circuit breakers for television and industrial applications. These circuit breakers are manufactured by Mel-Rain Corp. for Mallory to the same specifications as original equipment. "Anti-cheat" reset action is non-cycling. Button must be pressed to reset. Tripping mechanism is temperature compensating for constant protection. Normal tripping time is ten seconds or less. All values above 3.1 amps have special heat-duty contacts to withstand heavy surge currents. CBT types have twist tab mounting lugs. CBB bushing is supplied with CBB types to adapt to bushing mount.

Ask for free television circuit breaker cross-reference. Lists all popular TV sets.

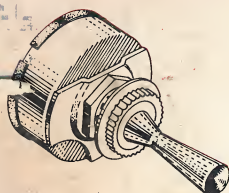
Mallory Number	Tab Mtg.	Bushing Mtg.	Break Curr. Amps	Oper. Curr. Amps	Surge Curr. Amps
CBT050		CBB050	0.5	0.325	2
CBT075		CBB075	0.75	0.49	3
CBT100		CBB100	1.0	0.65	5
CBT150		CBB150	1.5	0.975	12
CBT175		CBB175	1.75	1.14	12
CBT200		CBB200	2.0	1.3	12
CBT225		CBB225	2.25	1.46	12
CBT250		CBB250	2.5	1.63	12
CBT275		CBB275	2.75	1.79	12
CBT300		CBB300	3.0	1.95	12
CBT310		CBB310	3.1	2.1	25
CBT325		CBB325	3.25	2.11	25
CBT350		CBB350	3.5	2.3	25
CBT375		CBB375	3.75	2.44	25
CBT400		CBB400	4.0	2.6	25
CBT450		CBB450	4.5	2.92	25
CBT500		CBB500	5.0	3.25	25
CBT600		CBB600	6.0	3.9	25
CBT700		CBB700	7.0	4.14	25

NET PRICES, EACH

CBT050 to CBT300—Net Each...\$0.81
 CBT310 to CBT700—Net Each... .88
 CBB050 to CBB300—Net Each... .95
 CBB310 to CBB700—Net Each... 1.02

Mallory No. CBB Adapter Bushing—Adapts CBT types to bushing mounting. Bushing: 3/8" x 1/4" with nut. Net... 16c

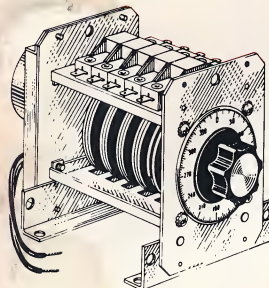
● PUSH-PULL AC SWITCH



Attractive push-pull AC line switches are furnished with integral aluminum alloy handle to complement the finest electronic equipment. Heavy duty, U.L. Approved. PPS1, PPS2 rated 6 amps at 125 VAC. PPS3 rated 3 amps 125 VAC. Furnished with a nickel-plated knurled ring nut.

Mallory No. PPS1 (SPST)—Net...\$0.85
 Mallory No. PPS2 (DPST)—Net... 1.00
 Mallory No. PPS3 (SPDT)—Net... 1.00

● INDUSTRIAL SEQUENCE TIMERS



Heavy-duty industrial sequence timers for industrial process control, laboratory testing, prototype timers, etc. Available in three basic frames with 5, 10, or 15 adjustable cams. Cams may be adjusted without tools to provide precise time sequence. SPDT switches are rated 15 amps at 125 VAC, equipped with quick-disconnect terminals, and snap into precision holes in basic frames. Easily replaced, but normally rated at one million cycles at rated load. Drive motors are 117 VAC synchronous and attach to frames with two screws. Interchangeable in seconds to provide time cycles from 1 minute to 24 hours. Complete assemblies ready to operate as received. Furnished complete with all instructions, timing knob and dial, terminals, timing chart and hardware.

COMPLETE ASSEMBLIES

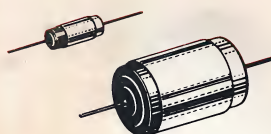
Cycle Time hrs: min	Mallory No. 5 Circuit	Mallory No. 10 Circuit	Mallory No. 15 Circuit
:01	5TM1M	10TM1M	15TM1M
:02	5TM2M	10TM2M	15TM2M
:03	5TM3M	10TM3M	15TM3M
:04	5TM4M	10TM4M	15TM4M
:06	5TM6M	10TM6M	15TM6M
:12	5TM12M	10TM12M	15TM12M
:24	5TM24M	10TM24M	15TM24M
2:00	5TM120M	10TM120M	15TM120M
3:00	5TM180M	10TM180M	15TM180M
4:00	5TM240M	10TM240M	15TM240M
6:00	5TM360M	10TM360M	15TM360M
8:00	5TM480M	10TM480M	15TM480M
12:00	5TM720M	10TM720M	15TM720M
24:00	5TM1440M	10TM1440M	15TM1440M
Net Each	\$41.80	\$57.20	\$73.20

DRIVE MOTORS—1/box with timing chart and mounting screws. Net...\$7.70

Mallory No.	Time hrs: min	Mallory No.	Time hrs: min
M1M	:01	M120M	2:00
M2M	:02	M180M	3:00
M3M	:03	M240M	4:00
M4M	:04	M360M	6:00
M6M	:06	M480M	8:00
M12M	:12	M720M	12:00
M24M	:24	M1440M	24:00

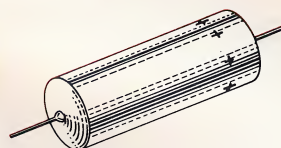
BASIC FRAMES—1/box with MTS1 switches, SD1648 knob, dial, terminals, adjusting tool, and instructions.

Mallory No.	Description	Net Each
5T	5 Circuits (SPDT)	\$33.10
10T	10 Circuits (SPDT)	49.00
15T	15 Circuits (SPDT)	65.00
ACCESSORIES		
MTS1	Snap Switch (SPDT)	.86
MTT1	Adjusting Tool	.25
T257	Brass Term. (15/bag)	.25



STYROCAP
POLYSTYRENE
CAPACITORS
PAGE 16

NEW!



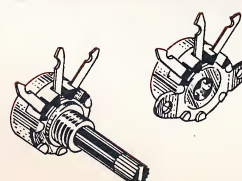
MTA
MOLDED
ALUMINUM
ELECTROLYTICS
PAGE 13



MOL
METAL FILM
RESISTORS
PAGE 33

NEW!

NEW!



MR
3 WATT
WIRE-WOUND
CONTROLS
PAGE 31

BATTERIES
CAPACITORS
CIRCUIT BREAKERS
CONTROLS
FLASHLIGHTS
JACKS AND PLUGS
POWER RHEOSTATS
RESISTORS
SEMICONDUCTORS
SWITCHES
TIMERS
VIBRATORS



AVAILABLE IMMEDIATELY AT
SUMMIT DISTRIBUTORS
INDUSTRIAL ELECTRONIC PARTS CENTER
916 MAIN ST. - BUFFALO 2, N. Y.
TT 4-3450

PRODUCT INDEX

This product index is arranged numerically—alphabetically. With this guide one may quickly locate any stock Mallory component. The chart shows: 1. Prefix; 2. Description; 3. Catalog page.

If one were searching for data on a "5M1112" part number, the prefix "5M" is shown in the chart followed by dashes. The description shows this to be a switch, listed on page 36 of the catalog.

Prefix	Description	Pg.
1 thru 6	Jack	38
1AV to 20AV	Resis.-Adj.	32
1HJ to 20HJ	Resis.-Fixed	32
1N----	Silicon Rect.	6
1N----	Zener Diode	7
1V to 35V	Resis. Hardw.	32
2DE----	Cap.-Electron	17
2DY----	Discap	18
2HV----	Discap	18
2MOL----	Resistor	33
3AE to 10AE	Resistor	33
3DY----	Discap	18
3HV----	Discap	18
3MOL----	Resistor	33
4.4	Vibrator	37
4M----	Switch	37
4MOL----	Resistor	33
5M----	Switch	36
5MOL----	Resistor	33
5T	Sequence Timer	39
6DY----	Discap	18
6HV----	Discap	18
6M----	Switch	36
7MOL----	Resistor	33
10T	Sequence Timer	39
12-3	Vibrator	37
12-4	Vibrator	37
12L----	Switch	37
12M----	Switch	37
13	Sequence Timer	39
16-C	Switch	36
25K-P	Power Rheostat	34
50K-P	Power Rheostat	34
55	Plug	38
75	Plug	38
75K-P	Power Rheostat	34
76	Plug	38
85	Plug	38
100	Jack	38
100K-P	Power Rheostat	34
150K-P	Power Rheostat	34
151L	Switch	36
153L	Switch	36
154L	Switch	36
17-C	Switch	36
18-C	Switch	36
203	Washer	38
212	Washer	38
225	Washer	38
225K-P	Power Rheostat	34
226	Washer	38
227	Washer	38
232	Nut	38
255	Nut	38
294	Vibrator	35
298	Vibrator	35
300K-P	Power Rheostat	34
302----	Battery	4
303----	Battery	4
359 to 368.1	Knob	38
369 to 399	Dial Plate	38
385C	Safety Light	5
453 to 488	Dial Plate	38
468X	Penlight	5
500K-P	Power Rheostat	34
509P	Vibrator	35
649	Flashlight	5
699	Flashlight	5
701 to 705	Jack	38
716	Vibrator	35
780	Flashlight	5
801	Compact Light	5
807	Compact Light	5
810	Compact Light	5
825S	Compact Light	5
870		
899		
901		
902		
903M	Light	5
997 to 999	Lantern	5
10--	Switch	36
12--L	Switch	36
13--L	Switch	36
1400L	Switch	36
15--	Vibrator	35
16--	Vibrator	35
17--	Vibrator	35
18--	Vibrator	35
1910K	Knob	38
2445	Flashlight	5

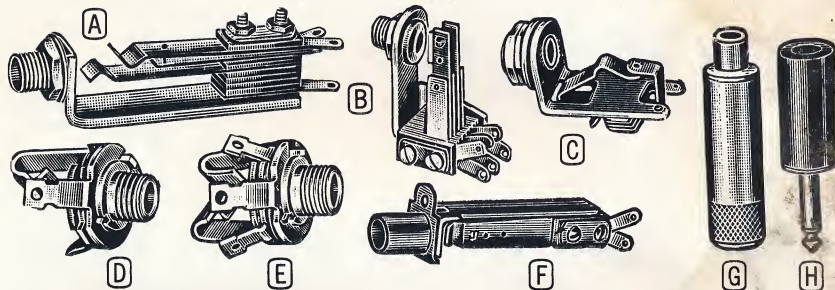
• New item in 1965 Catalog.

Prefix	Description	Pg.
31-J	Switch	36
3122T	Switch	36
32--J	Switch	36
51--	Switch	36
52--	Switch	36
61--	Switch	36
62--	Switch	36
13124L	Switch	36
A----	Silicon Rect.	6
A1	Jack	38
A2	Jack	38
A2A	Jack	38
A3A	Jack	38
A1	Nut	38
A11200-12	Nut	38
ACR15K	Resistor	38
B----	Discap	18
•BAL-	Control	31
BP-	Cap.-Hardw.	12
BS--	Capacitor	16
C--	Control	30
•CBB--	Circuit Breaker	39
•CBT--	Circuit Breaker	39
CE-	Cap.-Hardw.	12
CG--	Capacitor	15
CL20/21--	Capacitor-Tant.	22
CL22/23--	Capacitor-Tant.	22
CL24/25--	Capacitor-Tant.	22
•CL26/27--	Capacitor-Tant.	22
CL30/31--	Capacitor-Tant.	23
CL32/33--	Capacitor-Tant.	23
CL34/35--	Capacitor-Tant.	23
•CL36/37--	Capacitor-Tant.	23
•CL64/65	Capacitor-Tant.	24
CN7--	Discap	18
CNO--	Discap	18
CS12/13--	Capacitor-Tant.	21
CS3500	Sta-Loc Shaft	29
CT--	Capacitor	16
CTN--	Sil. Rect. Circ.	5
CTP--	Sil. Rect. Circ.	5
•CVM----	Capacitor	14
D--	Silicon Rect.	6
DE--	Capacitor	17
DM9N	Cap. by ZM9	4
DS36	Cap. Extension	38
DS37	Cap. Extension	38
EB--	Control Hardw.	38
EC--	Control Hardw.	38
E-MP	Control Hardw.	30
F16--	Rectifier	5
F20--	Rectifier	5
F24--	Rectifier	5
F294	Vibrator	35
F294S	Vibrator	35
F826S	Vibrator	35
FA-FB-etc	Switch	28
FF45052	Capacitor	14
FL--	Cap. by MR--	31
FP--	Capacitor	9
FPA	Capacitor Kit	9
FW--	Sil. Rect. Circ.	5
G15--	Vibrator	35
G16--	Vibrator	35
G17--	Vibrator	35
G18--	Vibrator	35
GEM----	Capacitor	16
•GEM--UL	Capacitor	16
GJ1	Jack	38
GP--	Discap	18
GS5149	Knob	38
HB--	Cap.-Hardw.	15
HC--	Capacitor	15
HDO--	Rect. Hardw.	6
HHJ	Resistor	32
HJ--	Capacitor	16
HV--	Capacitor	16
•HVC	Control	27
IB	Rectifier	5
IF	Rectifier	5
IK--	Sta-Loc	29
IS--	Rectifier	5
IS--	Sta-Loc	29
JF--	Discap	18
JL--	Jack	38
JL	Discap	18
K--	Rectifier-Selenium	5
LA--	Control	31
LA--	Jack	38
LK171-1	Knob	38
M--	Battery	4
M1501	Vibrator	35
M1M, etc	Timer Motor	39
M-PK	Control	30
•MG--	Control	31
MLC--	Control	27
MN--	Battery	4
MP-	Cap. Hardw.	12
•MR--	Control	31
MSS101	Cap. Selector	19
•MTA--	Capacitor	13
•MTC--	Control	27
MTF--	Capacitor-Tant.	25
MTP--	Capacitor-Tant.	24
•MTS-	Timer Switch	39
•MTT1	Timer Adj. Tool	39
MW100	Cap. Wrench	15
NP--	Capacitor	15
OF--	Sta-Loc	29

Prefix	Description	Pg.
OK--	Sta-Loc	29
OP--	Capacitor	19
OPR--	Capacitor	19
OS--	Sta-Loc	29
P2--	Control	27
PB--	Capacitor	16
PET--	Capacitor	12
PF--	Battery	4
PFL--	Repl. by MR--	31
PFP--	Capacitor	9
PL--	Cap. Hardw.	15
PP--	Control	27
•PPS-	Push-Pull Sw.	39
PS-	Cap. Hardw.	12
PSC-	Cap. Hardw.	12
PSU--	Capacitor	19
PSU274	Cap. Leads	19
PSU515	Cap. Leads	19
PSUA	Cap. Hardw.	19
PTA--	Control	27
PVC--	Capacitor	17
PWD--	Capacitor	14
PWP--	Capacitor	9
PWT--	Capacitor	14
PX--	Battery	4
R--	Control	30
RB--	Bracket-Hrdwre	38
RL--	Control	30
RM--	Battery	4
RM262	Capacitor	16
RM265	Capacitor	16
RP--	Capacitor	19
RR50	Stereo Control	30
RS--	Extension Shaft	38
RS--	Capacitor	16
RT--	Control	30
RU--	Sta-Loc	28
RUP--	Sta-Loc	29
S--	Silicon Rect.	6
•SD1648	Timer Knob	39
SF--	Sta-Loc	29
SK--	Sta-Loc	29
SL--	Sta-Loc	29
SLD--	Sta-Loc	29
SM--	Discap	18
SN--	Sta-Loc	29
ST--	Capacitor	14
SU--	Control	27
•SX--	Capacitor	16
T-	Control	31
•T257	Terminal	39
TA--	Control	27
TA--	Discap	18
TAF--	Capacitor-Tant.	23
TAG--	Capacitor-Tant.	23
TAM--	Capacitor-Tant.	21
TAP--	Capacitor-Tant.	25
TAS--	Capacitor-Tant.	20
TBF--	Capacitor-Tant.	22
TBG--	Capacitor-Tant.	22
TC--	Capacitor	12
TH--	Cap. Hardw.	12
•TLS--	See CL64/65	24
TNT--	Capacitor-Tant.	25
TPG--	Capacitor	14
TR--	Battery	4
•TRS--	Control	27
TS--	Sta-Loc	28
TSA--	Control	31
TT-X--	Capacitor	13
TUV--	Control	31
U--	Control	27
UA--	Control	29
UAC--	Discap	18
UB--	Control Hardw.	38
UB--	Control	27
US--	Switch-Control	27
USP-	Sta-Loc	29
UT--	Control	27
V--	Silicon Rect.	6
VB--	Sil. Rect. Circ.	5
VR--	Cap. Hardw.	12
VS--	Silicon Rect.	6
VW--	Control	30
W1601	Vibrator	35
WD--	Capacitor	14
WP--	Capacitor	9
WQ--	Capacitor	14
WS--	Capacitor	14
WT--	Capacitor	14
WV--	Capacitor	14
WW--	Sta-Loc	28
X2420	Flashlight	5
X3420	Flashlight	5
XP-	Jack	38
XTH--	Capacitor-Tant.	25
XTK--	Capacitor-Tant.	25
XTL--	Capacitor-Tant.	25
XTM--	Capacitor-Tant.	25
XTV--	Capacitor-Tant.	25
ZA--	Zener Diode	7
ZD--	Zener Diode	7
ZM--	Battery	4
ZS--	Zener Diode	7

Jacks, Plugs, Hardware

JACKS AND PLUGS



PHONE JACKS

Four configurations meet a wide range of applications. Circuit arrangements shown in chart. Supplied with nut and washer. Bushing $\frac{3}{8}$ "-32 x $\frac{3}{8}$ ". Nickel-plated alloy springs, silver contacts, cadmium-plated frames.

Long Fr. (Fig. A)		Junior (Fig. B)		Infant and Midget (Fig. C)		Schem.
Mal. No.	Net Ea.	Mal. No.	Net Ea.	Mal. No.	Net Ea.	
1*	45c	701	45c	A-1	33c	
2	57c	702	51c	A-2	48c	
2A	57c	702A	57c	A-2A	57c	
2B	57c	702B	57c			
3	60c	703	60c			
		703A	60c	A-3A	66c	
3B	60c	703B	60c			
		703C	60c			
		704	69c			
4A	75c	704A	69c			
4B	75c	704B	69c			
5	90c	705	75c			
6	1.05					

COMPACT JACKS (FIGS. D AND E)

JJ033 and JJ034 meet all requirements of JAN-J-641.

Mallory Number	No. Cond.	Circuit Type	Net Ea.
LA1	2	Open	36c
LA2	2	Closed	42c
LA2A	3	Closed	48c
SC1A	2	Open	36c
JJ034	2	Open	39c
SCA2B	3	Open	42c
JJ033	3	Open	48c

GROUNDING JACK

For aircraft grounds and similar applications.

Mallory No. GJ-1—Net Each..... 36c

TELEPHONE JACKS (FIG. F)

For close strip mounting in switchboards; plain round bushing. Mounts by screw through mounting plate.

Mallory No. XP1—Open circuit type. Net Each..... 63c

Mallory No. XP2B—Three circuit microphone type. Net Each..... 75c

Mallory No. XP3B—Single circuit, make before break type. Net Each... 90c

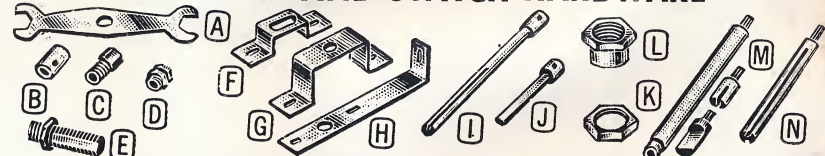
EXTENSION JACKS (FIG. G)

Mallory No.	Circuit	Shell	Net Ea.
100	2-way	Fiber	\$1.08
100N	2-way	1-piece nickel	1.08
100A	2-way	2-piece nickel, built-in clamp	1.50

PHONE PLUGS (FIG. H)

Mal. No.	Circuit	Shell	Net Ea.
55	.....	Adapts mike con. to stand. jack	\$0.30
75	2-way	Phenolic tie-cord anchor, shielded	.45
75A	2-way	Nickel, 2-piece tie-cord anchor, built-in cable clip	1.05
75N	2-way	Nickel, tie-cord anchor, shielded	.66
76	3-way	Phenolic	.90
76A	3-way	Nickel, 2-piece, built-in cable clip	1.17
85	2-way	Miniature phone plug, shielded	.36
H75-76	.....	Repl. handle for 75 and 76 plugs	.25

CONTROL AND SWITCH HARDWARE



VOLUME CONTROL NUT WRENCH

Mal. No.	Fig.	Description	Net Ea.
178	A	For $\frac{1}{2}$ " and $\frac{3}{8}$ " hex nuts	51c

COUPLERS, BUSHINGS

Mal. No.	Fig.	Description	Net Ea.
EC240	B	Univ. coupling and reducer	43c
EB247	C	Univ. extension bushing	13c
UB241	D	Univ. bushing and nut	12c
EB158	E	$\frac{1}{8}$ " dble. flat. bushing	32c
EB214	E	$\frac{1}{2}$ " flatted bushing	75c

CONTROL AND SWITCH WASHERS

Mal. No.	Description	Pkg. 10
203	Extruded fiber; $\frac{3}{4}$ " O.D., $\frac{3}{8}$ " I.D.	18c
212	Flat phenolic; $\frac{3}{4}$ " O.D., $\frac{3}{8}$ " I.D.	10c
225	Nickel finish metal, $\frac{3}{8}$ " I.D.*	21c
226	Nickel finish metal, $\frac{1}{4}$ " I.D.*	21c
227	Cadmium plated lock washer†	9c

* $\frac{3}{8}$ " O.D. † $\frac{11}{16}$ " O.D., $\frac{25}{64}$ " I.D.

ADJUSTABLE MOUNTING BRACKETS

Mal. No.	Fig.	Description	Net Ea.
RB248	F	$1\frac{3}{4}$ " mounting centers	5c
RB249	G	$2\frac{1}{2}$ " mounting centers	5c
RB254	H	Universal	5c

UNIVERSAL EXTENSION SHAFTS

Mal. No.	Fig.	Description	Net Ea.
RS242	I	4" long, $\frac{1}{4}$ " dia., $\frac{1}{8}$ " flat	57c
RS243	I	4" long, $\frac{1}{4}$ " dia., $\frac{3}{8}$ " flat	57c
RS244	I	4" long, $\frac{3}{8}$ " dia., $\frac{1}{4}$ " flat	57c
RS245	J	2" long, $\frac{1}{4}$ " dia., $\frac{3}{8}$ " slot	81c

HEX NUTS

Mal. No.	Fig.	Description	Net Ea.
232	K	$\frac{1}{16}$ " hex, $\frac{3}{8}$ "-32	1c
255	L	$\frac{1}{4}$ " panel shoulder	8c
A11260-12	L	$\frac{1}{4}$ " panel shoulder	8c
A11260-2	L	$\frac{3}{4}$ " panel shoulder	8c

DIAL PLATES

Aluminum dial plates with figures etched on solid black background. $1\frac{1}{8}$ " dia., $\frac{7}{16}$ " hole, figures $\frac{1}{4}$ " high, .020" thick.

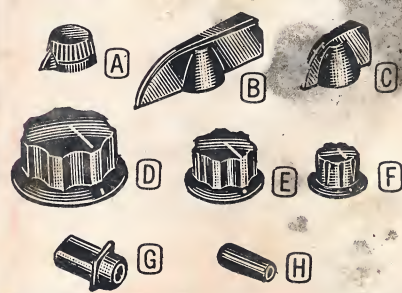


Mallory No. -20° Spacing	Mallory No. -30° Spacing	Marking	Net Each
453	372	1 to 2	2c
454	373	1 to 3	3c
455	374	1 to 4	4c
456	375	1 to 5	5c
457	376	1 to 6	6c
458	377	1 to 7	7c
459	378	1 to 8	8c
460	379	1 to 9	9c
461	380	1 to 10	10c
462	381	1 to 11	11c
463	382	1 to 12	12c
464		1 to 13	13c
465		1 to 14	14c
466		1 to 15	15c
467		1 to 16	16c
468		1 to 17	17c
469		1 to 18	18c
470		Off 1 to 2	2c
471		Off 1 to 3	3c
472	393	Off 1 to 4	4c
473	394	Off 1 to 5	5c
474	395	Off 1 to 6	6c
475	396	Off 1 to 7	7c
476	397	Off 1 to 8	8c
477	398	Off 1 to 9	9c
478	399	Off 1 to 10	10c
479	400	Off 1 to 11	11c
480		Off 1 to 12	12c
481		Off 1 to 13	13c
482		Off 1 to 14	14c
483		Off 1 to 15	15c
484		Off 1 to 16	16c
485		Off 1 to 17	17c
486		Off 1 to 18	18c

SPECIAL DIAL PLATES

Mal. No.	Description	Net Ea.
391	$1\frac{1}{8}$ " dia., "Increase volume"	12c
392	$2\frac{1}{4}$ " dia., 0-10 (265°)	12c
393	$1\frac{1}{8}$ " dia., 1 to 24, 15° spacing	12c
394	$2\frac{1}{4}$ " dia., 0-10 (275°)	12c
395	$2\frac{1}{4}$ " dia., 0-10 (250°) + SW (35°)	12c
396	$2\frac{1}{4}$ " dia., 0-10 (250°) + SW (40°)	12c
397	$2\frac{1}{4}$ " dia., 0-10 (260°)	12c
398	$2\frac{1}{4}$ " dia., 0-10 (275°)	12c
399	$2\frac{1}{4}$ " dia., 0-10 (305°)	12c
487	$1\frac{1}{8}$ " dia., 1 to 5, 60° spacing	12c
488	$1\frac{1}{8}$ " dia., 1 to 4, 90° spacing	12c

SWITCH AND CONTROL KNOBS



Mallory Number	Fig.	Description	Net Ea.
364	A	$1\frac{1}{8}$ " dia. black; point er, $\frac{1}{4}$ " shaft	7c
365-1	B	$2\frac{1}{4}$ " blk bar; $\frac{1}{4}$ " shaft	21c
366-1	C	$1\frac{1}{2}$ " blk bar; $\frac{1}{4}$ " shaft	15c
366-R-1	D	$1\frac{1}{2}$ " red bar; $\frac{1}{4}$ " shaft	15c
367-1	E	$1\frac{1}{2}$ " black; $\frac{1}{4}$ " shaft	21c
368-1	F	$1\frac{1}{2}$ " dia. blk; $\frac{1}{4}$ " shaft	20c
1910K	G	$\frac{3}{4}$ " black; $\frac{1}{8}$ " shaft	20c
GS5149A	G	$\frac{3}{4}$ " x $1\frac{1}{4}$ " for lever switches; black	10c
LK171-1	H	$\frac{5}{8}$ " dia. x $\frac{3}{4}$ " thd. for lever switch; black	10c

SHAFT EXTENSIONS

Mallory No. DS-36 (Fig. M)— $\frac{1}{4}$ " dia. x $2\frac{1}{8}$ " round for U, UT, UDT and TA controls. With one knurled and slotted, and one flatted shaft end knob adapter. Net Each..... 33c

Mallory No. DS-37 (Fig. N)— $\frac{1}{4}$ " dia. x $2\frac{1}{8}$ " round slotted for use with U, UT, UDT and TA controls. Net Each... 33c

Batteries

MERCURY POWER-PAK BATTERIES

Mallory Number	Volts	Cap., MAH	Use	Terminals	Net Each
302157	1.35	28,000	Radiation eqpt.	Socket	\$12.50
302250	9.45	250	Radiation eqpt.	Tab	2.90
302351	5.4	2,200	Fire alarm	Flat	4.20
302358	10.8	250	Radiation eqpt.	Leads	4.10
302362	16.2	250	Radiation eqpt.	Leads	5.60
302435	6.75	250	Radiation eqpt.	Flat	3.46
302462	97.2	1,000	Transmitter "B"	Leads	40.00
302465	47.25	1,000	Geophysical	Leads	22.50
302478	9.8	2,400	Recorder	Flat	6.90
302497	6.75	2,200	Test equipment	Posts	6.20
302579	29.7	250	Test equipment	Leads	12.50
302580	27	3,400	Electronic	Socket	33.60
302642	7.0	2,400	Fire alarm	Flat	5.20
302651	1.35	14,000	Electronic	Leads	4.80
302702	2.7	2,200	Geophysical	Leads	3.80
302904	5.4	3,400	Meter	Leads	6.75
302905	6.75	3,400	Test equipment	Leads	8.05
302907	9.45	3,400	Electronic	Leads	10.50
302908	10.8	3,400	Radiation eqpt.	Leads	11.50
303145	8.4	3,600	Depth finder	Snap	6.75
303219	9.8	175	Electronic	Flat	2.06
303236	4.2	1,000	Electronic	Flat	1.26
303314	16.8	2,400	Transceiver	Leads	10.80
303394	11.2	3,600	Electronic	Snap	10.15

ALKALINE BATTERIES

Mallory Number	Volts	Use	Wt., Oz.	Net Each
Mn1300	1.5	All Purpose "D"	5 1/4	65c
Mn1306	4.5	Transistor radio	1 1/2	75c
Mn1400	1.5	All Purpose "C"	2 1/2	51c
Mn1500	1.5	All Purpose "AA"	.82	33c
Mn1604	9.0	Transistor radio	1 1/2	33c
Mn2400	1.5	All Purpose "AAA"	.4	24c
Mn9100	1.5	All Purpose "N"	.34	

PHOTO BATTERIES

For flashguns, electronic flash, photocells, meters, Wink-lites®, etc. Mercury type with flat terminals except as otherwise noted.

Mallory Number	Volts	Wt., Oz.	Net Each	Mallory Number	Volts	Wt., Oz.	Net Each
PX1	1.35	0.6	\$0.60	PX450	1.35	0.3	\$ 0.51
PX4	5.6	3.2	1.57	PF489†	225	37	6.96
PX6	8.1	4.0	2.75	PF491†	240	13	5.56
PX13	1.35	0.6	.42	PF492†	225	40	6.96
PX14	2.7	1.3	.87	PF497†	510	26	11.16
PX16*	1.5	5.3	.75	PX625	1.4	0.15	.51
PX18	46.2	6.0	3.50	PX640	1.35	0.38	.51
PX19*	4.5	1.5	.91	PX675	1.35	0.07	.42
PX21*†	4.5	1.5	.75				

*Manganese. †Zinc-carbon. ‡Snap ter. ®Polaroid Corp. TM.

ZINC-CARBON BATTERIES

Mallory No.	Nom. Volts	Use	T*	Size, Inches L. x W. x H.	Wt., Oz.	Net Each
M4	1.5	Radio "A"	a	2 1/16 x 2 1/16 x 4 7/16	20	\$1.15
M9	7.5	Radio "A"	a	2 7/8 x 1 1/8 x 3 1/2	31	1.23
M13F	1.5	Flashlight "D"	b	1 1/2 dia. x 2 1/8	3.3	.13
M13P	1.5	Photo "D"	b	1 1/2 dia. x 2 1/8	3.3	.16
M13R	1.5	Radio "D"	b	1 1/2 dia. x 2 1/8	3.3	.155
M13X	1.5	Industrial "D"	b	1 1/2 dia. x 2 1/8	3.3	.155
M14F	1.5	Flashlight "C"	b	1 1/2 dia. x 1 1/8	1.5	.13
M14P	1.5	Photo "C"	b	1 1/2 dia. x 1 1/8	1.5	.16
M14R	1.5	Radio "C"	b	1 1/2 dia. x 1 1/8	1.5	.155
M15F	1.5	"AA" penlight	b	9/16 dia. x 1 1/2	0.5	.13
M15P	1.5	Photo "AA"	b	9/16 dia. x 1 1/2	0.5	.16
M15R	1.5	Radio penlight	b	9/16 dia. x 1 1/2	0.5	.155
M20	1.5	Radio "A"	b	1 3/8 dia. x 4 1/4	6	.32
M24F	1.5	Junior penlight	b	1 1/8 dia. x 1 3/4	0.3	.095
M200	67.5	Radio "B"	c	2 1/8 x 1 3/8 x 3 4/16	12	2.70
M208	15	Electronic "B"	b	1 1/2 x 5/8 x 1 3/8	0.8	.81
M210	30	Electronic "B"	b	1 1/2 x 5/8 x 2 5/16	1.4	1.23
M211P	67.5	Radio "B"	c	1 29/32 x 5/8 x 5 1/16	8.5	2.70
M215	22.5	Radio "B"	b	1 1/2 x 5/8 x 2	1.5	1.05
M504	15	Electronic "B"	b	5/8 x 1 1/2 x 1 3/8	0.6	.81
M505	22.5	Electronic "B"	b	5/8 x 1 1/2 x 1 3/8	0.6	1.05
M506	30	Electronic "B"	b	1 1/8 x 5/8 x 1 29/32	0.9	1.30
M507	30	Electronic "B"	b	5/8 x 1 1/2 x 1 3/8	0.9	1.30
M900	1.5	Ignition	e	2 5/8 x 2 3/8 x 4 5/8	20	.84
M903	7.5	Lighting	e	7 1/4 x 4 1/4 x 6 7/8	122.0	4.86
M904	9	Lighting	e	8 5/8 x 4 1/4 x 6 7/8	136	5.53
M905F	1.5	Ignition	f	2 5/8 dia. x 6 5/8	34	.84
M905S	1.5	Ignition	e	2 5/8 dia. x 6 5/8	34	.84
M906F	1.5	Telephone	f	2 5/8 dia. x 6 5/8	34	.84
M906S	1.5	Telephone	e	2 5/8 dia. x 6 5/8	34	.84
M907	6	Industrial	e	10 13/16 x 2 25/32 x 7 9/16	153	3.34
M908	6	Metal lantern	d	2 1/16 x 2 1/16 x 4 7/16	21	.79
M910F	1.5	Flashlight "N"	b	2 5/8 dia. x 1 3/8	0.22	.08
M911F	1.5	R.R., Indust.	f	2 5/8 dia. x 6 5/8	34	.90
M911S	1.5	R.R., Indust.	e	2 5/8 dia. x 6 5/8	34	.90
M915	6	Lighting	e	2 1/16 x 2 1/16 x 4 5/8	21	.79
M918	6	Lighting	e	5 1/2 x 2 1/16 x 4 1/16	52	1.83
M1600	9	Radio	c	1 dia. x 1 1/8	1.8	.62
M1602	9	Radio	c	1 1/2 x 1 1/2 x 2 3/4	4.5	1.30
M1603	9	Radio	c	2 1/8 x 2 1/8 x 3 5/8	15	1.26
M1604	9	Radio	c	1 1/2 x 1 1/2 x 1 29/32	1.3	.48
M1605	9	Radio	c	1 1/8 x 1 1/8 x 2 7/16	7	1.05
M1611	9	Radio	b	3/4 dia. x 2	7	.53

*Terminals: a, socket; b, flat; c, snap; d, coil spring; e, screw; f, Pahnstock clip.

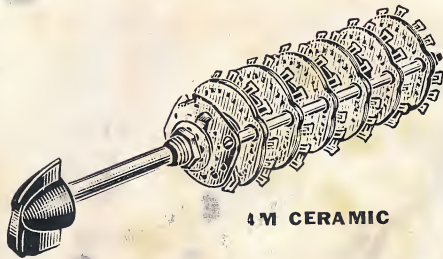


MERCURY BATTERIES

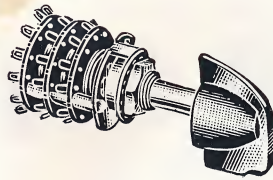
Flat terminals, unless otherwise noted.

Mallory Number	Volts	Cap., MAH	Use	Size, Inches L. x W. x H.	Wt., Oz.	Net Each
RM1	1.4	1000	Phys. hndep.	3/8 dia. x 2 1/2	0.75	\$0.45
RM1R	1.35	1000	Electronic	3/8 dia. x 2 1/2	0.75	.63
RM1RT†	1.35	1000	Electronic	3/8 dia. x 2 1/2	0.75	.68
RM1RT2†	1.35	1000	Electronic	3/8 dia. x 2 1/2	0.75	.73
RM3R	1.35	2200	Electronic	1 dia. x 2 1/2	0.93	.85
RM4R	1.35	3400	Electronic	1.2 dia. x 2 1/2	1.6	1.05
RM4RT†	1.35	3400	Electronic	1.2 dia. x 2 1/2	1.6	1.10
RM4Z	1.4	2400	Electronic	1.2 dia. x 2 1/2	1.2	.73
RM12	1.4	3600	Tape recdr.	3/8 dia. x 2	2.0	.87
RM12R	1.35	3600	Tachometer	3/8 dia. x 2	2.0	.98
RM12RT†	1.35	3600	Electronic	3/8 dia. x 2	2.0	1.03
RM12RT2†	1.35	3600	Electronic	3/8 dia. x 2	2.0	1.08
RM24	1.4	1000	Radio AAA	0.4 dia. x 1 1/2	0.5	.53
RM42	1.4	14000	Elec. "D"	1.2 dia. x 2 3/8	5.9	2.06
RM42R	1.35	14000	Elec. "D"	1.2 dia. x 2 3/8	5.9	2.27
RM42RT†	1.35	14000	Elec. "D"	1.2 dia. x 2 3/8	5.9	2.32
RM42RT2†	1.35	14000	Elec. "D"	1.2 dia. x 2 3/8	5.9	2.37
RM312	1.4	36	Phys. hndep.	3/8 dia. x 3/4	0.01	.24
RM400	1.4	80	Phys. hndep.	29/64 dia. x 9/16	0.04	.24
RM40R	1.35	80	Electronic	29/64 dia. x 9/16	0.04	.35
RM40RT2†	1.35	80	Electronic	29/64 dia. x 9/16	0.04	.45
RM401	1.35	800	Radio "N"	29/64 dia. x 1 1/8	0.4	.42
RM401R	1.35	800	Electronic	29/64 dia. x 1 1/8	0.4	.53
RM411	14	160	Electronic	1 x 1 1/2 x 1 1/2	1	2.00
RM412	22.4	160	Electronic	1 x 1 1/2 x 1 1/2	1	2.62
RM413	28	160	Electronic	1 x 1 1/2 x 1 1/2	1.5	3.25
RM415*	42	160	Electronic	1 x 1 1/2 x 3 1/2	2.5	5.18
RM450R	1.35	350	Electronic	3/8 dia. x 9/16	0.18	.83
RM502R	1.35	2400	Electronic	1/2 dia. x 1 1/2	1.05	.77
RM520	1.4	130	Phys. hndep.	3/8 dia. x 1 1/2	0.07	.17
RM575	1.4	100	Phys. hndep.	455 dia. x .129	.01	.24
RM601R	1.35	1800	Electronic	3/8 dia. x 1 1/2	1.2	.83
RM625	1.4	250	Phys. hndep.	3/8 dia. x 1 1/2	0.15	.42
RM625R	1.35	250	Electronic	3/8 dia. x 1 1/2	0.15	.51
RM625RT†	1.35	250	Electronic	3/8 dia. x 1 1/2	0.15	.58
RM625RT2†	1.35	250	Electronic	3/8 dia. x 1 1/2	0.15	.63
RM630	1.4	250	Phys. hndep.	3/8 dia. x 1 1/2	0.17	.42
RM630R	1.35	250	Electronic	3/8 dia. x 1 1/2	0.17	.53
FM640	1.4	500	Radio	3/8 dia. x 1 1/2	0.38	.41
RM640R	1.35	500	Electronic	3/8 dia. x 1 1/2	0.38	.52
RM640RT2†	1.35	500	Electronic	3/8 dia. x 1 1/2	0.38	.63
RM675	1.4	160	Phys. hndep.	29/64 dia. x 1 1/8	0.07	.24
TR113R	4.05	250	Electronic	21/32 dia. x 1 1/8	0.45	1.72
TR114R	5.4	250	Electronic	21/32 dia. x 1 1/8	0.59	1.85
TR114RT2†	5.4	250	Electronic	21/32 dia. x 1 1/8	0.59	1.95
TR115	7.0	250	Dictating	21/32 dia. x 1 1/8	0.73	1.72
TR115R	6.75	250	Electronic	21/32 dia. x 1 1/8	0.73	2.06
TR126	8.4	600	Radio	3/4 dia. x 1 1/2	1.6	1.05
TR132	2.8	1000	Paging	21/32 dia. x 1 1/8	1	.79
TR132R	2.7	1000	Electronic	21/32 dia. x 1 1/8	1	1.17
TR133	4.9	100	Radio, Pag.	21/32 dia. x 2	1.4	1.17
TR133R	4.9	1000	Radio, Pag.	21/32 dia. x 2	1.4	1.35
TR134	5.6	1000	Gar. door	21/32 dia. x 2 3/4	1.9	1.57
TR134RT†	5.6	1000	Electronic	21/32 dia. x 2 3/4	1.9	1.7
TR134R	5.4	1000	Electronic	21/32 dia. x 2 3/4	1.9	1.9
TR135	7.0	1000	Gar. door	21/32 dia. x 3 1/4	2.4	2.06
TR135R	6.75	1000	Electronic	21/32 dia. x 3 1/4	2.4	2.00
TR136	8.4	1000	Gar. door	21/32 dia. x 3 3/4	2.9	2.27
TR136R	8.1	1000	Electronic	21/32 dia. x 3 3/4	2.9	2.40
TR137	9.8	1000	Electronic	21/32 dia. x 4 1/8	3.4	2.62
TR137R	9.45	1000	Electronic	21/32 dia. x 4 1/8	3.4	2.76
TR145	7	250	Electronic	21/32 dia. x 1 3/8	0.58	1.72
TR146X*	8.4	575	Radio	1 x 2 1/2 x 1 3/8	2.0	1.23
TR152	2.8	350	Electronic	15/32 dia. x 1 1/8	0.42	.84
TR152R	2.7	350	Electronic	15/32 dia. x 1 1/8	0.42	1.05
TR153	4.2	350	Electronic	15/32 dia. x 1 1/8	0.6	1.17
TR153R	4.05	350	Electronic	15/32 dia. x 1 1/8	0.6	1.35
TR162R	2.7	500	Electronic	21/32 dia. x 1 3/8	0.58	1.05
TR163	4.2	500	TV tuner	21/32 dia. x 1 3/8	0.87	1.17
TR163R	4.05	500	Electronic	21/32 dia. x 1 3/8	0.87	1.29
TR164	5.6	500	Radio	21/32 dia. x 1 3/4	1.16	1.35
TR164R	5.40	500	Electronic	21/32 dia. x 1 3/4	1.16	1.50
TR165	7	500	TV tuner	21/32 dia. x 2 3/8	1.45	1.70
TR165R	6.75	500	Electronic	21/32 dia. x 2 3/8	1.45	1.90
TR169	12.6	500	Electronic	21/32 dia. x 3 7/8	2.88	3.50
TR175	7	350	Radio	31/64 dia. x 1 3/8	1	1.05
TR177*	9.8	250	Radio	31/64 dia. x 1 3/8	1	1.29
TR233	4.2	2200	Radio	1 1/4 dia. x 1 1/2	3	2.06
TR233R	4.05	2200	Electronic	1 1/4 dia. x 1 1/2	3	2.27
TR234	5.6	2200	Electronic	1 1/4 dia. x 2 1/8	3.88	2.40
TR234R	5.6	2200	Electronic	1 1/4 dia. x 2 1/8	3.88	2.7

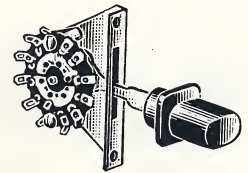
Switches



4M CERAMIC



12M



12L

MALLORY-GRIGSBY MINIATURE SWITCHES

Mallory-Grigsby miniature rotary switches feature exclusive Wedglock contacts which insure positive alignment, avoids frame and contact distortion and wide insulating path between adjacent contacts. Max. wafer dia., 1 3/8". Index: Phenolic types, 30°, ceramic types, 30°, 60° (H), and 90° (N). Phenolic types use Richardson 1725 grade phenolic; ceramics, MIL grade L5 Steatite treated with Dow-Corning 200. Ratings: 350 ma, 500 v. rms resistive; breakdown, 1700 v. rms, 60 cps; max. initial contact resistance, .005 ohm. Bushing, 3/8"-32 x 3/8"; shaft, 1/4" dia. x 2". With nut, washer and 366-1 knob.

30° INDEXING PHENOLIC WAFER

Mallory Number		Circuits per Section	Number of		Net Each
Shorting Type	Non-Shorting		Sections	Positions	
4M11111	4M21111	1	1	11	\$1.80
4M1215	4M2215	2	1	5	1.80
4M11211	4M21211	1	2	11	2.58
4M1313	4M2313	3	1	3	1.80
4M11311	4M21311	1	3	11	3.24
4M1412	4M2412	4	1	2	1.80
4M1225	4M2225	2	2	5	2.58
4M11411	4M21411	1	4	11	3.81
4M11511	4M21511	1	5	11	4.47
4M1323	4M2323	3	2	3	2.58
4M1235	4M2235	2	3	5	3.24
4M11611	4M21611	1	6	11	5.04
4M1422	4M2422	4	2	2	2.58
4M1245	4M2245	2	4	5	3.81
4M1255	4M2255	2	5	5	4.47
4M1432	4M2432	4	3	2	3.24
4M1265	4M2265	2	6	5	5.04

30° INDEXING CERAMIC WAFER

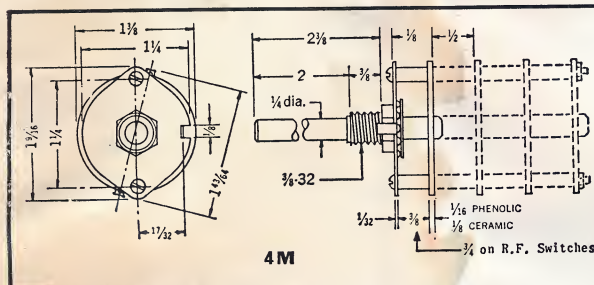
4M11112C	4M21112C	1	1	12	\$2.37
4M1216C	4M2216C	2	1	6	2.37
4M11212C	4M21212C	1	2	12	3.39
4M1315C	4M2315C	3	1	5	2.37
4M11312C	4M21312C	1	3	12	4.32
4M1226C	4M2226C	2	2	6	3.39
4M11412C	4M21412C	1	4	12	5.19
4M1513C	4M2513C	5	1	3	2.37
4M11512C	4M21512C	1	5	12	6.18
4M1612C	4M2612C	6	1	2	2.37
4M1325C	4M2325C	3	2	5	3.39
4M1236C	4M2236C	2	3	6	4.32
4M11612C	4M21612C	1	6	12	7.20
4M1246C	4M2246C	2	4	6	5.19
4M1335C	4M2335C	3	3	5	4.32
4M1523C	4M2523C	5	2	3	3.39
4M1256C	4M2256C	2	5	6	6.18
4M1622C	4M2622C	6	2	2	3.39
4M1266C	4M2266C	2	6	6	7.20
4M1533C	4M2533C	5	3	3	4.68
4M1632C	4M2632C	6	3	2	4.68

60° INDEXING CERAMIC WAFER

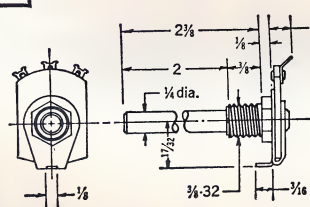
Non-Shorting Mallory No.	Circuits per Section	Number of		Net Each
		Sections	Positions	
4M2116H	1	1	6	\$2.16
4M2126H	2	2	6	3.06
4M2136H	3	3	6	3.96
4M2146H	4	4	6	4.86
4M2156H	5	5	6	5.76

90° INDEXING CERAMIC WAFER

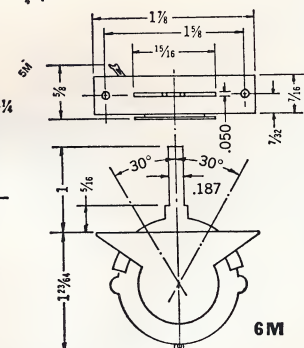
4M2114N	1	1	4	\$2.16
4M2124N	2	2	4	3.06
4M2134N	3	3	4	3.96
4M2144N	4	4	4	4.86
4M2154N	5	5	4	5.76



4M



5M



6M

MALLORY-GRIGSBY SUBMINIATURE SWITCHES

Glass-epoxy wafers per MIL-P-18177. Only 1/8" diameter. Series 12M rotary types available with up to three sections (3/16" spacing); Series 12L are lever action type. Index, 30°. Ratings: 150 ma at 150 v.; max. voltage, 225 v.; max. current, 2.5 amps at 6 v. AC rms (all resistive load). Bushing (12M), 3/8"-32 x 1/4"; shaft 1/4" dia. x 1 1/4". Rotary types furnished with nut, washer and 366-1 knob; lever types with two #4-40 screws and GS5149 knob. Suffixes (12L): S, spring return; U, spring return and positive index.

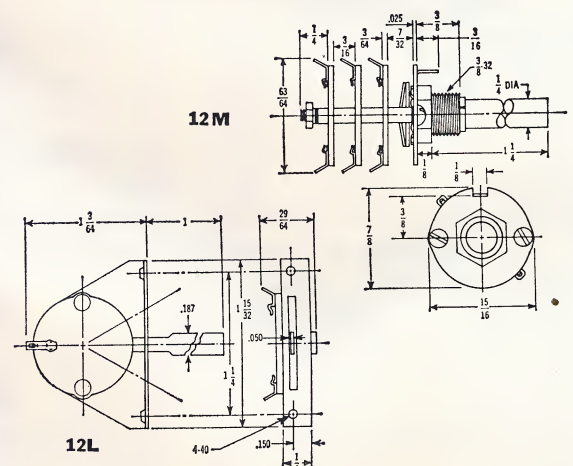
12M ROTARY—30° INDEX

Mallory Number		Circuits per Section	Number of		Net Each
Shorting Type	Non-Shorting		Sections	Positions	
12M11111G	12M21111G	1	1	11	\$4.52
12M11211G	12M21211G	1	2	11	5.58
12M1215G	12M2215G	2	1	5	4.52
12M11311G	12M21311G	1	3	11	6.64
12M1313G	12M2313G	3	1	3	4.52
12M1225G	12M2225G	2	2	5	5.58
12M1412G	12M2412G	4	1	2	4.52
12M1235G	12M2235G	2	3	5	6.64
12M1323G	12M2323G	3	2	3	5.58
12M1422G	12M2422G	4	2	2	5.58
12M1333G	12M2333G	3	3	3	6.64
12M1432G	12M2432G	4	3	2	6.64

12L LEVER ACTION—30° INDEX

Mallory Number		Circuits per Section	Number of		Net Each
Shorting Type	Non-Shorting		Sections	Positions	
12L1612	12L2612	6	1	2	\$4.24
12L1612S	12L2612S	6	1	2	4.47
12L1213	12L2213	2	1	3	3.12
12L1213S	12L2213S	2	1	3	3.38
12L1213U	12L2213U	2	1	3	3.38
12L1413	12L2413	4	1	3	3.63

DIMENSIONS

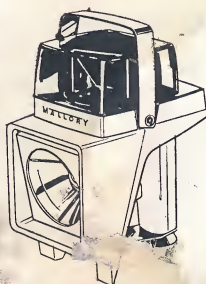


12L

Flashlights

GUARDSMAN® LANTERN

The Mallory Guardsman is a heavy-duty lantern with rotating beacon and powerful, 500-ft. spotlight beam. The beacon rotates a full 360° and is available in three colors: Red, amber or blue. Spotlight beam has tilt control lever. Beacon and beam may be operated together or independently. Comes equipped with sturdy swing-up handle, pistol grip and suction cup; complete with three No. Mnl400 batteries. Optional 25-ft. accessory cord provides plug-in operation from any 12-volt cigarette light or socket. Handsome, ivory case.



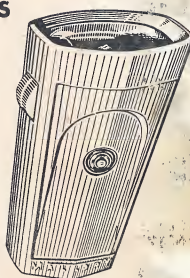
Mallory No.	Beacon Color	List Price	Mallory No.	Beacon Color	List Price
997	Amber	\$19.95	999	Red	\$19.95
998	Blue	19.95	899	Access. cord	3.50

COMPACT FLASHLIGHTS

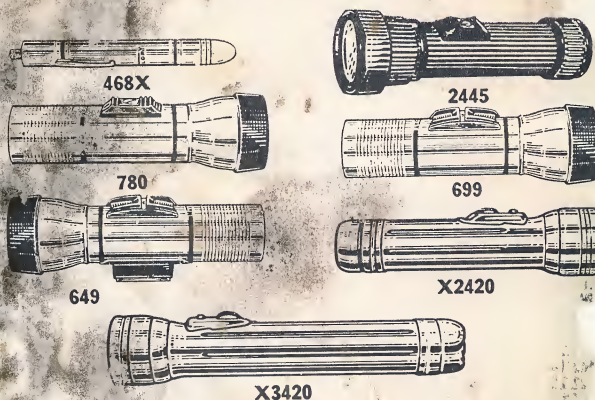
The modern concept in personal lighting. Handy, compact size slips easily into pocket or purse. Delivers powerful 250-ft. spotlight beam. Supplied in attractive beige, high-impact plastic case with two long-lasting Mallory No. Mnl500 alkaline batteries.

Mallory No. 810—With clear plastic lens. List Price... **\$1.98**

Mallory No. 810—With red plastic lens, ideal for map reading in aircraft. Also handy for emergency use because its beam can be seen for more than 1/2 mile. List Price... **\$1.98**



POWERBEAM® FLASHLIGHTS



Mallory Powerbeam flashlights are manufactured to exacting specifications for long, dependable life. Number 468X is a penlight type with handy clip for carrying it in a belt. Gasket. Numbers 649, 699 and 780 have chrome cases with red lens for the lens. Number 2445 "Rugged Mike" is a heavy-duty industrial flashlight which will withstand years of fantastic abuse. Numbers 649 and X3420 have all-chrome cases with end-cap hanger and project long-distance spotlight beams. All flashlights use either standard zinc-carbon batteries or long-lasting Mallory alkaline batteries.

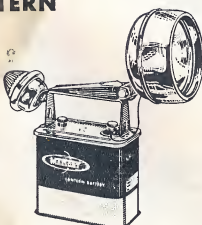
Mallory No.	Description	Use No. and Type of Batteries	List* Price
468X	Penlite, chrome	2 type "AA"	\$0.79
649	Chrome with magnet	2 "D" cells	1.49
699	Chrome	2 "D" cells	.99
780	Jr. chrome	2 "C" cells	.99
2445	Plastic, rubber	2 "D" cells	1.59
2445R	2445 with hanger	2 "D" cells	1.69
X2420	Chrome spotlight	2 "D" cells	1.85
X3420	Chrome spotlight	3 "D" cells	2.20

*Prices shown do not include batteries.

POWERBEAM® LANTERN

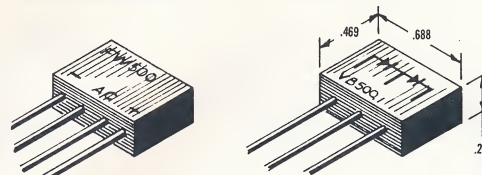
The Mallory Powerbeam "Safety Lite" has a tilting spotlight which projects a powerful beam more than 500 feet. The tilt feature allows the light beam to be directed at any desired angle, regardless of the resting place of the light. The heavily chrome plated handle also contains a swing-up red warning flasher which can be seen clearly for long distances after dark. The "Safety Lite" is supplied with Mallory No. M918 lantern battery.

Mallory No. 385C—List Price... **\$10.50**



Rectifiers

PRE-PACKAGED RECTIFIER CIRCUITS



Mallory pre-packaged silicon rectifier circuits are more economical and convenient than individual rectifiers. Selected and matched rectifiers are encapsulated in pre-molded shells for maximum environmental protection. Ratings shown are per package. Leads 1 1/2" min.

VOLTAGE DOUBLER

Mallory No.	PRV Volts	Max. DC Amps at 25° C	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each,
VB50	50	.75	15	100° C	\$0.93
VB100	100	.75	15	100° C	.97
VB200	200	.75	15	100° C	1.08
VB300	300	.75	15	100° C	1.20
VB400	400	.75	15	100° C	1.21
VB500	500	.75	15	100° C	1.35
VB600	600	.75	15	100° C	1.45

FULL-WAVE, CENTER TAP NEGATIVE

CTN50	50	1.5	15	100° C	\$0.93
CTN100	100	1.5	15	100° C	.97
CTN200	200	1.5	15	100° C	1.08
CTN300	300	1.5	15	100° C	1.20
CTN400	400	1.5	15	100° C	1.21
CTN500	500	1.5	15	100° C	1.35
CTN600	600	1.5	15	100° C	1.45

FULL-WAVE, CENTER TAP POSITIVE

CTP50	50	1.5	15	100° C	\$0.93
CTP100	100	1.5	15	100° C	.97
CTP200	200	1.5	15	100° C	1.08
CTP300	300	1.5	15	100° C	1.20
CTP400	400	1.5	15	100° C	1.21
CTP500	500	1.5	15	100° C	1.35
CTP600	600	1.5	15	100° C	1.45

FULL-WAVE BRIDGE

FW50	50	1.5	15	100° C	\$1.82
FW100	100	1.5	15	100° C	1.86
FW200	200	1.5	15	100° C	2.04
FW300	300	1.5	15	100° C	2.26
FW400	400	1.5	15	100° C	2.35
FW500	500	1.5	15	100° C	2.53
FW600	600	1.5	15	100° C	2.65

MAGNESIUM COPPER-SULFIDE RECTIFIERS



Operating temp., -90° to +265° F. For applications where inadvertent short circuits are common. Self-healing. Always mount with plates vertical. IB=Insul. Bolt; IF=Insul. Foot; F=Grnd. Foot; IS=Insul. Stud; J=Univ. Mtg. Center terminal is DC positive.

Mallory No.	Max. VAC No Load	Full Load	DC Volts Cap.	Max. Amps, DC Cont.	Size, Inches L. x W. x Th.	Net Each
IB4R	3.6	3.2	2.5	1.5	1 x 1/4 x 7/8	\$ 4.65
IB8R	7.2	6.4	5.1	1.5	1 1/4 x 1/4 x 7/8	5.49
IB12R	10.8	9.7	7.8	1.3	1 3/4 x 1/4 x 7/8	6.54
IB12L5	10.8	9.7	7.6	4.5	2 1/4 x 2 1/4 x 2 1/4	10.08
IB12C1J	10.8	9.8	7.7	3.2	2 1/4 x 1 1/4 x 1 1/4	16.17
IB12C3	10.8	9.7	7.6	4.5	2 1/4 x 1 1/4 x 2 1/4	14.76
IB12C5	10.8	9.7	7.6	5.3	3.0 x 2 1/2 x 2 1/2	11.79
F16C3	14.4	13.0	10.2	3.9	3.0 x 1 3/4 x 2 1/2	16.17
IF16CB7M	14.4	12.8	9.9	6.0	3.0 x 2 1/2 x 3 1/4	19.71
IS16CB7	14.4	12.8	9.9	6.0	3 3/4 x 2 1/2 x 3.0	18.84
IS16B7	14.4	12.8	9.8	8.3	5 1/2 x 2 1/2 x 3.0	19.17
IS16B9	14.4	12.7	9.7	11.6	5 1/2 x 3 1/2 x 4 1/4	24.84
F20C7	18.0	16.2	12.6	4.8	4 3/8 x 2 1/2 x 3 1/4	19.38
IS24C7J	21.6	19.4	15.1	4.0	4 3/4 x 2 1/2 x 3 1/4	23.25
IS24B9	21.6	19.1	14.4	11.0	7 1/2 x 3 1/2 x 4 1/4	32.97
IS28C7J	25.2	22.7	17.8	4.3	6.0 x 2 1/2 x 3.0	26.25

SELENIUM RECTIFIERS

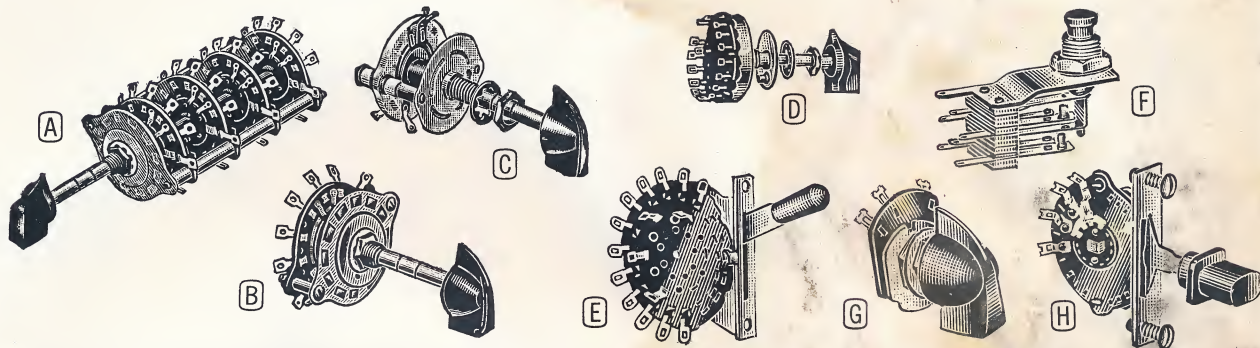
One insulated and eyeleted cell per assembly (R26T has two). All ratings based on conduction cooling with plates no more than 1/4" from heat sink. Reduce AC input 55% for 1/2-wave load. Ratings for Cap-Bty. load.



Mallory No.	Max. Input VAC, Rms	DC Output (Approx.)				Size, Inches L. x W. x Th.	Net Each
		VDC	Amps	VDC	Amps		
K30L	30	14.5	4.6	29	4.6	3 x 3 x 1/4	\$1.50
K26N	26	12.5	8.8	25	8.8	4 x 4 x 1/4	1.87
K26W	26	12.5	28	25	28	6 x 7 x 1/4	3.56
K27WT	26	12.5	28	25	28	6 1/2 x 7 1/2 x 1/4	8.56
R26T	26	12.5	8	12.5	8	5 x 6 x 1/4	3.23

*Full-wave center-tap. †Full-wave bridge.

Switches



PHENOLIC WAFER ROTARY SWITCHES (FIG. A)
MIL grade phenolic wafers with self-cleaning silver-plated contacts. Adjustable stops, 30° index. Max. O.D., 1 1/4"; 3/8"-32 x 3/8" bushing; 1/4" dia. x 2" shaft grooved for cutting. Space between index and #1 wafer, 1/8"; spacing between other wafers, 1". Ratings: .6 amp at 300 v. DC, 8 amps at 60 v. DC, 1 amp at 300 v. AC, 10 amps at 6 v. AC; max. non-breaking resistive load, 10 amps; breakdown, 1000 v. DC or AC. With hex nut, lockwasher and 366-1 knob.

Mallory Number	No. of Circuits Per Section	No. of Circuits Per Switch	No. of Positions	No. of Sections or Gangs	Net Each
1211L	1	1	2 to 11	1	\$2.10
1215L*	2	2	2 to 5	1	2.10
1213L*	3	3	2 to 3	1	2.10
1212L*	4	4	2 to 2	1	2.10
1221L	1	2	2 to 11	2	2.58
1225L*	2	4	2 to 5	2	2.58
1223L*	3	6	2 to 3	2	2.58
1222L*	4	8	2 to 2	2	2.58
1231L	1	3	2 to 11	3	2.64
1231L	1	3	2 to 11	3	2.64
1235L*	2	6	2 to 5	3	2.64
1241L	1	4	2 to 11	4	2.81
1245L*	2	8	2 to 5	4	2.81
1251L	1	5	2 to 11	5	4.11
1256L	2	10	2 to 6	5	4.53
1261L	1	6	2 to 11	6	4.83
1266L	2	12	2 to 6	6	5.52

*These switches are provided with an "off" position which is in addition to the number of positions listed in the fifth column.

24 POSITION TAP SWITCH (FIG. B)

Ratings same as 12/1300 Series. Continuous rotation, 15° index. With nut, washer, 366-1 knob and 394 dial. **\$276**

5 POSITION HAMSWITCH® (FIG. B)
For measuring up to five circuits on single meter. Same ratings as 12/1300 Series plus conservative 1000 v. AC rms or 1500 v. DC rating. 60° index; adjustable stop. **\$270**

CIRCUIT OPENING SWITCH (FIG. B)
For meter switching or inserting resistors, capacitors, etc. Ratings same as 12/1300 Series. Adjustable stop; 30° index. **\$468**

DECADE SWITCHES (FIG. B)
Requires only four resistors or capacitors for full decade. Ratings same as 12/1300 Series. 36° indexing. **\$270**

Mallory No. 153L Capacitor Decade Switch—Net Each... \$2.94

CERAMIC WAFER SWITCHES (FIG. C)
MIL grade ceramic wafers for RF switching. Non-shorting. Indexes: 170/180 Series, 30°; 160 Series, 90°. Bushing, shaft and wafer spacing same as on 12/1300 Series. Ratings: 5 amps, 300 v. AC or DC; 6 amps, 6 v. AC or DC (160 Series 1000 v. DC and up to 100 watts). Series 170/180 breakdown, 500 v. AC or DC. Max. non-breaking resistive load, 5 amps. With nut, washer and 366-1 knob.

Mallory No.	No. of Sections	Circuits	Spacing Between Sections	Contacts Per Circuit	Net Each
161C	1	1	1 1/8"	4	\$2.16
162C	2	2	1"	4	3.06
163C	3	3	1"	4	3.96
164C	4	4	1"	4	4.86
165C	5	5	1"	4	5.76

Mallory No.	Number of Gangs	Number of Circuits Per Gang	Number of Positions	Net Each
172C	1	1	2 to 11	\$2.37
173C*	1	2	2 to 5	2.37
174C*	1	3	2 to 3	2.37
176C	2	1	2 to 11	3.39
177C*	2	2	2 to 5	3.39
178C*	2	3	2 to 3	3.39
180C	3	1	2 to 11	4.32
181C*	3	2	2 to 5	4.32

*Has additional "off" switch preceding numbered positions.

SINGLE SECTION ROTARY SWITCHES (FIG. D)
Multi-purpose phenolic switches. Index: 1 1/4" dia., 30°; 1 1/8" dia., 20°. Ratings: .125 amp, 300 v. DC; 3 amps, 6 v. DC; 2 amp, 300 v. AC; 5 amps, 6 v. AC; breakdown 500 v. AC or DC; max. non-breaking resistive load, 5 amps. Bushing, 3/8"-32 x 3/8"; shaft, 1/4" x 2". With nut, lockwasher and 366-1 knob.

Mallory Number		No. of Circuits	No. of Positions	Dia. of Base	Adjust- able Stop	Net Each
Shorting Type	Non- Shorting Type					
3115J	3215J	1	5	1 1/4"	No	\$1.02
31112J	32112J	1	12	1 1/4"	No	1.02
3122J	3222J	2	2	1 1/4"	No	1.02
3123J	3223J	2	3	1 1/4"	No	1.02
3126J	3226J	2	6	1 1/4"	No	1.02
3134J	3234J	3	4	1 1/4"	No	1.05
3142J	3242J	4	2	1 1/4"	No	1.05
3143J	3243J	4	3	1 1/4"	No	1.05
31117J	32117J	1	2 to 17	1 1/8"	Yes	1.56
3129J	3229J	2	2 to 9	1 1/8"	Yes	1.56
3136J	3236J	3	2 to 6	1 1/8"	Yes	1.65
3163J	3263J	6	2 to 3	1 1/8"	Yes	1.65

ANTENNA SWITCH (FIG. D)

For switching two separate TV or FM antennas on single set. Dia., 1 1/4". With bracket, self-tapping screws, all hardware and 366-1 knob. **\$131**

Mallory No. 3122TV Antenna Switch—Net Each... \$131

LEVER ACTION SWITCHES (FIG. E)

Phenolic wafers for audio systems. Positive indexing. Mtg.: 5000 Series, elongated holes on 3/4" ctr.; 6000 Series, rd. holes on 1/2" ctrs. Multiple mtg. spacing, 3/4". Ratings: .125 amp, 300 v. DC; 3 amps, 6 v. DC; 2 amp, 300 v. AC; 5 amps, 6 v. AC; breakdown, 500 volts AC or DC. With two #6-32 screws, nuts and knob.

Mallory Number	Shorting Type	Non-Shorting Type	No. of Poles or Circuits	No. of Positions or Contacts	Net Each
5124	5224	2	4	4	\$1.38
6142	6242	4	2	2	1.20
6143	6243	4	3	3	1.20

PUSHBUTTON SWITCHES (FIG. F)

Non-locking for test panels, etc., in eight circuits. Silver contacts on alloy springs. Breakdown, 500 v. DC. Bushing, 3/8"-32 x 3/8". Integral phenolic knob. With nut and washer.

Mallory No.	Circuit Arrangement	Net Each
1011	SPST—Make	\$0.69
1012	SPST—Break	.69
1013	SPDT	.70
1014	DPST—Make 2	.87
1015	DPST—Break 2	.87
1016	DPDT	1.05
1017	DP—Make 2, Break 1	1.05
1018	DPDT—Make before break	1.44

GENERAL PURPOSE AND LEVER ACTION SWITCHES
Miniature phenolic switches. Series 4M, 5M for tone control, radio-phone, etc.; Series 6M for audio switching. Series 4M and 5M with nut, washer and 366-1 knob; 6M with GS5149 knob and two #6-30 screws. Suffixes: **D**, has AC line switch; **K**, knurled shaft (others 1/4" dia. rd.); **S**, spring return; **U**, spring return and positive index.

GENERAL PURPOSE ROTARY SWITCHES (FIG. G)

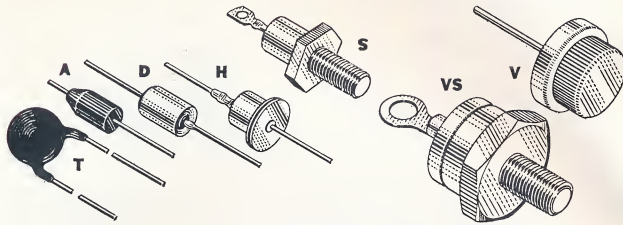
Mallory Number	Shorting Type	Non-Shorting Type	Circuits Per Section	No. of Sections	No. of Positions	Net Each
4M1114D	4M2412S	1	1	4	4	\$1.80
5M1112	5M1113	1	1	2	2	1.44
5M1113K	5M1113K	1	1	3	3	1.08
5M1213	5M2213	1	1	3	3	.75
42L2212S	42L2212S	2	1	2	2	1.08
5M1213	5M2213	2	1	2	2	1.08

MINIATURE PHENOLIC LEVER ACTION SWITCHES (FIG. H)

Mallory Number	Shorting Type	Non-Shorting Type	Circuits Per Section	No. of Sections	No. of Positions	Net Each
6M1213	6M2213	2	1	3	3	\$1.26
6M1213S	6M2213S	2	1	3	3	1.26
6M1213U	6M2213U	2	1	3	3	1.26
6M1412S	6M2412S	4	1	2	2	1.44
6M2412	6M2412	4	1	2	2	1.26

Silicon Rectifiers

DIFFUSED JUNCTION SILICON RECTIFIERS



LOW CURRENT TYPES 25° C (NOMINAL RATING)

Mallory No.	Type	PRV Volts	Max. DC Amps	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each
1N2090	T	50	.75	15	100° C	\$0.46
1N2091	T	100	.75	15	100° C	.48
1N2092	T	200	.75	15	100° C	.52
1N2093	T	300	.75	15	100° C	.57
1N2094	T	400	.75	15	100° C	.59
1N2095	T	500	.75	15	100° C	.65
1N2096	T	600	.75	15	100° C	.69
A50	A	50	.75	15	100° C	.54
A100	A	100	.75	15	100° C	.56
1N2069	A	200	.75	15	100° C	.59
A300	A	300	.75	15	100° C	.65
1N2070	A	400	.75	15	100° C	.67
A500	A	500	.75	15	100° C	.74
1N2071	A	600	.75	15	100° C	.77
1N3193	D	200	.75	40	100° C	.69
1N3194	D	400	.75	40	100° C	.80
1N3195	D	600	.75	40	100° C	.93
1N1487	H	100	.75	15	140° C	.52
1N1488	H	200	.75	15	140° C	.62
1N1489	H	300	.75	15	140° C	.65
1N1490	H	400	.75	15	140° C	.80
1N1491	H	500	.75	15	140° C	.89
1N1492	H	600	.75	15	140° C	1.18
1N1763	H	400	.75	.....	150° C	.58
1N1764	H	500	.75	.....	150° C	.69

50° C (NOMINAL RATING)

Mallory No.	Type	PRV Volts	Max. DC Amps	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each
1N1100	H	100	.75	15	165° C	\$0.52
1N1101	H	200	.75	15	165° C	.62
1N1102	H	300	.75	15	165° C	.65
1N1103	H	400	.75	15	165° C	.80
1N1104	H	500	.75	15	165° C	2.46
1N1105	H	600	.75	15	165° C	2.91
1N1692	H	100	.6	20	115° C	.50
1N1693	H	200	.6	20	115° C	.58
1N1694	H	300	.6	20	115° C	.62
1N1695	H	400	.6	20	115° C	.77
1N1696	H	500	.6	20	115° C	.88
1N1697	H	600	.6	20	115° C	1.15

100° C (NOMINAL RATING)

Mallory No.	Type	PRV Volts	Max. DC Amps	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each
1N440	H	100	.3	15	150° C	\$0.71
1N441	H	200	.3	15	150° C	.76
1N442	H	300	.3	15	150° C	.86
1N443	H	400	.3	15	150° C	1.09
1N444	H	500	.3	15	150° C	1.11
1N445	H	600	.3	15	150° C	1.60
1N440B	H	100	.5	15	165° C	.71
1N441B	H	200	.5	15	165° C	.76
1N442B	H	300	.5	15	165° C	.86
1N443B	H	400	.5	15	165° C	1.09
1N444B	H	500	.5	15	165° C	1.11
1N445B	H	600	.5	15	165° C	1.60
1N599	H	50	.4	10	150° C	.46
1N600	H	100	.4	10	150° C	.52
1N601	H	150	.4	10	150° C	.53
1N602	H	200	.4	10	150° C	.62
1N603	H	300	.4	10	150° C	.65
1N604	H	400	.4	10	150° C	.80
1N605	H	500	.4	10	150° C	.89
1N606	H	600	.4	10	150° C	1.18
1N599A	H	50	.4	10	150° C	.92
1N600A	H	100	.4	10	150° C	1.04
1N601A	H	150	.4	10	150° C	1.07
1N602A	H	200	.4	10	150° C	1.25
1N603A	H	300	.4	10	150° C	1.31
1N604A	H	400	.4	10	150° C	1.61
1N605A	H	500	.4	10	150° C	1.76
1N606A	H	600	.4	10	150° C	2.36
1N2858	H	50	.5	40	125° C	.40
1N2859	H	100	.5	40	125° C	.45
1N2860	H	200	.5	40	125° C	.48
1N2861	H	300	.5	40	125° C	.56
1N2862	H	400	.5	40	125° C	.66
1N2863	H	500	.5	40	125° C	.73
1N2864	H	600	.5	40	125° C	.92

150° C (NOMINAL RATING)

Mallory No.	Type	PRV Volts	Max. DC Amps	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each
1N536	H	50	.25	15	165° C	\$0.44
1N537	H	100	.25	15	165° C	.49
1N538	H	200	.25	15	165° C	.52
1N539	H	300	.25	15	165° C	.58
1N540	H	400	.25	15	165° C	.67
1N1095	H	500	.25	15	165° C	.75
1N1096	H	600	.25	15	165° C	1.13

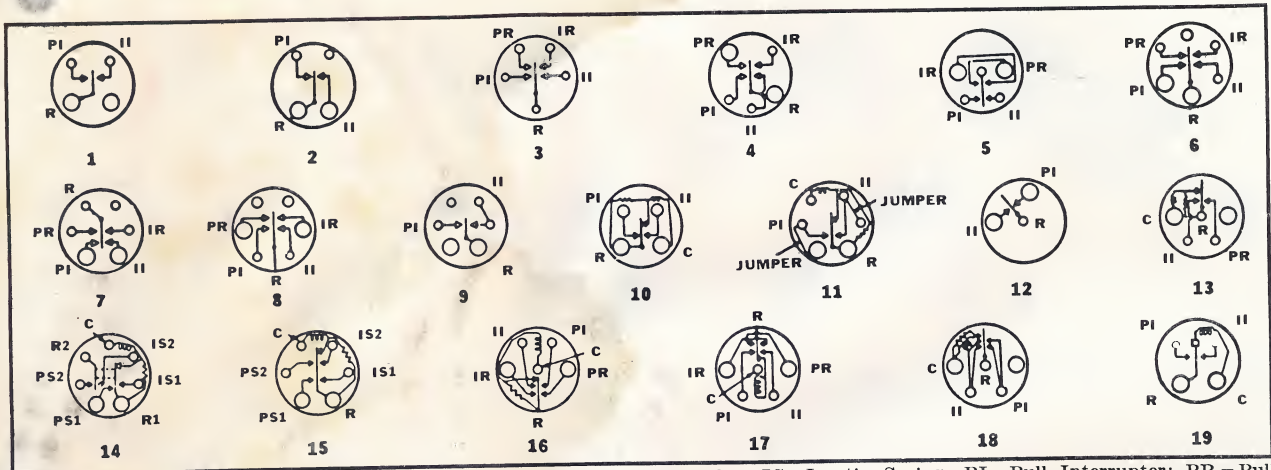
MEDIUM CURRENT TYPES 25° C (NOMINAL RATING)

Mallory No.*	Type	PRV Volts	Max. DC Amps	1-Cy. Surge Amps	Max. Oper. Temp.	Net Each
1N1115	S	100	1.5	15	170° C	\$1.08
1N1116	S	200	1.5	15	170° C	1.20
1N1117	S	300	1.5	15	170° C	1.52
1N1118	S	400	1.5	15	170° C	1.79
1N1119	S	500	1.5	15	155° C	1.84
1N1120	S	600	1.5	15	155° C	2.76
1N1124	S	200	3	25	150° C	2.43
1N1124A	S	200	3.3	25	150° C	2.84
1N1125	S	300	3	25	150° C	2.84
1N1125A	S	300	3.3	25	150° C	4.64
1N1126	S	400	3	25	150° C	4.64
1N1126A	S	400	3.3	25	150° C	6.75
1N1127	S	500	3	25	150° C	8.31
1N1128	S	600	3	25	150° C	8.31
1N1128A	S	600	3.3	25	150° C	1.74
1N1537	S	50	1.6	16	175° C	2.24
1N1538	S	100	1.6	16	175° C	2.31
1N1539	S	150	1.6	16	175° C	2.54
1N1540	S	200	1.6	16	175° C	2.99
1N1541	S	300	1.6	16	175° C	3.96
1N1542	S	400	1.6	16	175° C	5.16
1N1543	S	500	1.6	16	175° C	6.29
1N1544	S	600	1.6	16	175° C	1.48
1N3569	S	100	3.5	35	165° C	1.79
1N3570	S	200	3.5	35	165° C	2.31
1N3571	S	300	3.5	35	165° C	2.84
1N3572	S	400	3.5	35	165° C	4.24
1N3573	S	500	3.5	35	165° C	6.14
1N3574	S	600	3.5	35	165° C	

100° C (NOMINAL RATING)

1N607	S	50	.8	3	150° C	\$1.11
1N607A	S	50	.8	3	150° C	1.23
1N608	S	100	.8	3	150° C	1.18
1N608A	S	100	.8	3	150° C	1.28
1N609	S	150	.8	3	150° C	1.20
1N609A	S	150	.8	3	150° C	1.32
1N610	S	200	.8	3	150° C	1.23
1N610A	S	200	.8	3	150° C	1.35
1N611	S	300	.8	3	150° C	1.55
1N611A	S	300	.8	3	150° C	1.71
1N612	S	400	.8	3	150° C	1.94
1N612A	S	400	.8	3	150° C	2.13
1N613	S	500	.8	3	150° C	2.13
1N613A	S	500	.8	3	150° C	2.13
1N614	S	600	.8	3	150° C	2.79
1N614A	S	600	.8	3	150° C	3.06

Vibrators



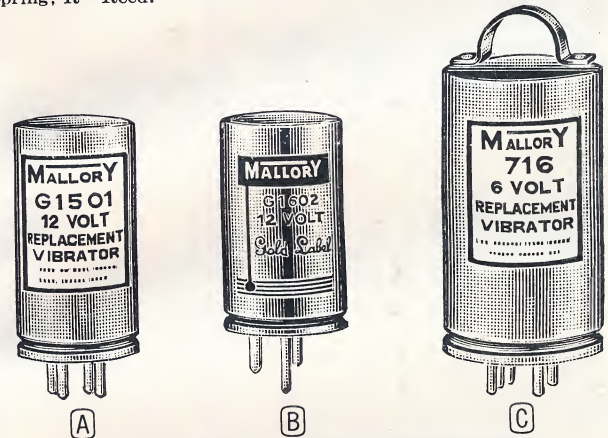
BASE DIAGRAMS: C = Coil; II = Inertia Interrupter; IR = Inertia Rectifier; IS = Inertia Spring; PI = Pull Interrupter; PR = Pull Rectifier; PS = Pull Spring; R = Reed.

Mallory vibrators are manufactured to exceptionally close tolerances and of carefully selected materials. Perfect balance and precise operation is thus assured. Crude rubber insulation and heavy-duty drawn cans effectively dampen vibration and sound. Each Mallory vibrator is factory tested for output, starting voltage and waveform. Complete specifications are shown below. Popular auto, Citizens' Band, and communications types are repeated in the column at right for convenience.

COMPLETE VIBRATOR SPECIFICATIONS

Mallory No.	Volts	Type	Base Diag.	Can Type	Size, Inches Dia. x Lgth.	Net Each
294	6	Int.	1	A	1 1/2 x 2 7/8	\$3.08
F294	32	Int.	1	A	1 1/2 x 2 7/8	4.54
G294	12	Int.	1	A	1 1/2 x 2 7/8	5.38
298	6	Int.	9	A	1 1/2 x 2 7/8	3.99
509P	6	Int.	1	A	1 1/2 x 2 7/8	2.61
716	6	Syn.	4	C	1 1/2 x 3 1/2	4.84
825S	6	Int.	1	A	1 1/2 x 2 7/8	3.99
F826S	32	Int.	1	A	1 1/2 x 2 7/8	4.84
870	6	Int.	2	A	1 1/2 x 2 7/8	3.08
903M	6	Int.	1	A	1 1/2 x 2 7/8	2.26
954	6	Syn.	7	A	1 1/2 x 3 1/8	4.84
1501#	6	Int.	10	A	1 1/2 x 2 7/8	3.99
G1501#	12	Int.	10	A	1 1/2 x 2 7/8	4.34
M1501	3	24	10	A	1 1/2 x 2 7/8	4.34
G1502#	12	Int.	11	A	1 1/2 x 2 7/8	4.84
1512#	6	Int.	11	A	1 1/2 x 2 7/8	4.34
1513#	6 1/2	Int.	13	A	1 1/2 x 2 7/8	4.34
1514#	6	Int.	10	A	1 1/2 x 2 7/8	4.34
1532#	6	Int.	1	A	1 1/2 x 2 7/8	3.99
G1532#	12	Int.	1	A	1 1/2 x 2 7/8	4.34
1601#	6	Int.	1	A	1 1/2 x 2 7/8	2.96
G1601#	12	Int.	1	A	1 1/2 x 2 7/8	3.08
W1601	3	4	1	A	1 1/2 x 2 7/8	2.96
G1602#	12	Int.	12	B	1 1/2 x 2 15/16	3.99
1603S	2	6	1	A	1 1/2 x 2 7/8	4.84
G1603S	2	12	1	A	1 1/2 x 2 7/8	3.08
1604	6	Int.	1	A	1 1/2 x 2 7/8	4.84
G1604	12	Int.	1	A	1 1/2 x 2 7/8	3.46
1610	6	Int.	19	A	1 1/2 x 2 7/8	3.46
1701#	6 1/2	Int.	14	A	1 1/2 x 3	6.04
G1701A#	6 1/2	Int.	14	A	1 1/2 x 3	6.04
1751#	6	Int.	15	A	1 1/2 x 3	4.56
1752#	6 1/2	Int.	18	A	1 1/2 x 3	6.10
1801S	2	6	5	A	1 1/2 x 2 15/16	5.38
G1801#	12	Syn.	5	A	1 1/2 x 2 7/8	6.26
G1801S	2	12	5	A	1 1/2 x 2 15/16	6.26
1802	6	Syn.	3	A	1 1/2 x 2 7/8	4.84
G1802S	2	12	3	A	1 1/2 x 2 15/16	6.26
G1803S#	12	Int.	6	A	1 1/2 x 3	6.26
1806	6	Syn.	17	A	1 1/2 x 2 7/8	4.84
1807#	6	Syn.	8	A	1 1/2 x 2 7/8	4.84
G1807#	12	Syn.	8	A	1 1/2 x 2 7/8	5.38
1808#	6	Syn.	6	A	1 1/2 x 2 7/8	4.84
G1808	12	Syn.	6	A	1 1/2 x 2 7/8	5.38
1813#	6	Syn.	5	A	1 1/2 x 2 7/8	4.84
1852#	6	Syn.	16	A	1 1/2 x 2 7/8	6.14
VP-1		Vibrator Puller				1.65

†-2: Sealed; 3: Designed for photoflash applications. Int. = Interrupter. Syn. = Synchronous. #For mobile communications and heavy duty uses. ‡Gold Label Models.



POPULAR AUTO REPLACEMENT TYPES

†"Gold Label" models.

Mallory No.	Volts	Type	Base Diag.	Can Type	Size, Inches Dia. x Lgth.	Net Each
716	6	Syn.	4	C	1 1/2 x 3 1/2	\$4.84
509P	6	Int.	1	A	1 1/2 x 2 7/8	2.61
903M	6	Int.	1	A	1 1/2 x 2 7/8	2.26
1501	6	Int.	10	A	1 1/2 x 2 7/8	3.99
1601†	6	Int.	1	A	1 1/2 x 2 7/8	2.96
G1601†	12	Int.	1	A	1 1/2 x 2 7/8	2.96
W1601	4	Int.	1	A	1 1/2 x 2 7/8	3.08
G1602†	12	Int.	12	B	1 1/2 x 2 7/8	2.96

CITIZENS' BAND RADIO VIBRATORS

Most popular Citizens' Band radio vibrators. Designed for long, trouble-free operation.

Mallory No.	Volts	Type	Base Diag.	Can Type	Size, Inches Dia. x Lgth.	Net Each
294	6	Int.	1	A	1 1/2 x 2 7/8	\$3.08
G294	12	Int.	1	A	1 1/2 x 2 7/8	5.38
1501	6	Int.	10	A	1 1/2 x 2 7/8	3.99
G1501	12	Int.	10	A	1 1/2 x 2 7/8	4.34
1532	6	Int.	1	A	1 1/2 x 2 7/8	3.99
G1532	12	Int.	1	A	1 1/2 x 2 7/8	4.34
1601	6	Int.	1	A	1 1/2 x 2 7/8	2.96
G1601	12	Int.	1	A	1 1/2 x 2 7/8	2.96
1610	6	Int.	19	A	1 1/2 x 2 7/8	3.46

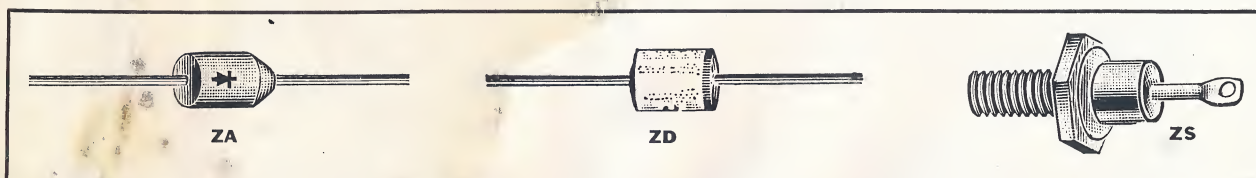
COMMUNICATION TYPE

Designed for mobile communications and other heavy duty uses. Engineered to the finest standards and will give long, trouble-free service when used as recommended.

Mallory No.	Volts	Type	Base Diag.	Can Type	Size, Inches Dia. x Lgth.	Net Each
1501	6	Int.	10	A	1 1/2 x 2 7/8	\$3.99
G1501	12	Int.	10	A	1 1/2 x 2 7/8	4.34
G1502	12	Int.	11	A	1 1/2 x 2 7/8	4.84
1512	6	Int.	11	A	1 1/2 x 2 7/8	4.34
1513	6 1/2	Int.	13	A	1 1/2 x 2 7/8	4.34
1514	6	Int.	10	A	1 1/2 x 2 7/8	4.34
1701	6 1/2	Int.	14	A	1 1/2 x 3	6.04
G1701A	6 1/2	Int.	14	A	1 1/2 x 3	6.04
1751	6	Int.	15	A	1 1/2 x 3	4.56
1752	6 1/2	Int.	18	A	1 1/2 x 3	6.10
G1801	12	Syn.	5	A	1 1/2 x 2 7/8	6.26
1807	6	Syn.	8	A	1 1/2 x 2 7/8	4.84
G1807	12	Syn.	8	A	1 1/2 x 2 7/8	5.38
1808	6	Syn.	6	A	1 1/2 x 2 7/8	4.84
1813	6	Syn.	5	A	1 1/2 x 2 7/8	4.84
1852	6	Syn.	16	A	1 1/2 x 2 7/8	6.14

MALLORY
VIBRATOR GUIDE SUPPLEMENT
AVAILABLE ON REQUEST

Silicon Zener Diodes



Diffused silicon junction zener diodes in two power ratings (1 and 10 watts) and three standard case styles. Offer low thermal resistance and excellent forward characteristics. Exceed military requirements. Rugged cell construction for exceptional surge handling capability. **Tolerance:** No suffix (1N3016), $\pm 20\%$; suffix **A** (1N3016A), $\pm 10\%$; suffix **B** (1N3016B), $\pm 5\%$.

TYPE ZA

High temperature regulator meets commercial, industrial, computer and home instrument requirements. Transfer molded for moisture-resistant, high strength package. Non-conductive, eliminating need for insulating sleeves. Low forward voltage drop and high temperature operation. **Power Dissipation:** 1 watt. **Size:** .220" dia. x .375" l., max.; leads 1/4" lg. minimum.

TYPE ZD

EIA standard DO-13, flangeless hermetically-sealed package. **Power Dissipation:** 1 watt. **Temperature Range:** -65°C to $+175^{\circ}\text{C}$, operating and storage. **Size:** .235" dia. x .357" l., max.; leads 1/4" lg., minimum.

TYPE ZS

Series 1N2970 thru 1N3015 EIA standard DO-4, all-welded package for heavy-duty stud mounting. Very low thermal resistance characteristics. **Power Dissipation:** 10 watts. **Temperature Range:** -65°C to $+175^{\circ}\text{C}$. **Polarity:** Anode to stud as listed. Cathode to stud available on special order, add suffix **R** (example: 1N2970R, 1N2970RA, etc.); same price. **Size:** 1/8" hex x 3/4" h. from base; #10-32 NF threaded stud 1/4" lg. HDO-4 hardware kit supplied.

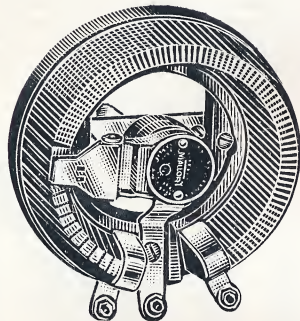
Nom. Zener (Vz) Volts	Type ZA Cold Case			Type ZD DO-13 Case			Type ZS DO-4 Case		
	Mall. No.	IZT Ma	Net Ea.*	Mall. No.	IZT Ma	Net Ea.*	Mall. No.	IZT Ma	Net Ea.*
3.8	ZA6.8	37	\$0.99	1N3016	37	\$1.95	1N2970	370	\$3.71
	ZA6.8A	37	1.12	1N3016A	37	2.25	1N2970A	370	4.58
	ZA6.8B	37	1.60	1N3016B	37	3.23	1N2970B	370	5.93
7.5	ZA7.5	34	.99	1N3017	34	1.95	1N2971	335	3.71
	ZA7.5A	34	1.12	1N3017A	34	2.25	1N2971A	335	4.58
	ZA7.5B	34	1.60	1N3017B	34	3.23	1N2971B	335	5.93
9.1	ZA8.2	31	.99	1N3018	31	1.95	1N2972	305	3.71
	ZA8.2A	31	1.12	1N3018A	31	2.25	1N2972A	305	4.58
	ZA8.2B	31	1.60	1N3018B	31	3.23	1N2972B	305	5.93
10	ZA9.1	28	.99	1N3019	28	1.95	1N2973	275	3.71
	ZA9.1A	28	1.12	1N3019A	28	2.25	1N2973A	275	4.58
	ZA9.1B	28	1.60	1N3019B	28	3.23	1N2973B	275	5.93
11	ZA10	25	.99	1N3020	25	1.95	1N2974	250	3.71
	ZA10A	25	1.12	1N3020A	25	2.25	1N2974A	250	4.58
	ZA10B	25	1.60	1N3020B	25	3.23	1N2974B	250	5.93
12	ZA11	23	.99	1N3021	23	1.95	1N2975	230	3.71
	ZA11A	23	1.12	1N3021A	23	2.25	1N2975A	230	4.58
	ZA11B	23	1.60	1N3021B	23	3.23	1N2975B	230	5.93
13	ZA12	21	.99	1N3022	21	1.95	1N2976	210	3.71
	ZA12A	21	1.12	1N3022A	21	2.25	1N2976A	210	4.58
	ZA12B	21	1.60	1N3022B	21	3.23	1N2976B	210	5.93
15	ZA13	19	.99	1N3023	19	1.95	1N2977	190	3.71
	ZA13A	19	1.12	1N3023A	19	2.25	1N2977A	190	4.58
	ZA13B	19	1.60	1N3023B	19	3.23	1N2977B	190	5.93
16	ZA15	17	.99	1N3024	17	1.95	1N2978	170	3.71
	ZA15A	17	1.12	1N3024A	17	2.25	1N2978A	170	4.58
	ZA15B	17	1.60	1N3024B	17	3.23	1N2978B	170	5.93
18	ZA16	15.5	.99	1N3025	15.5	1.95	1N2980	155	3.71
	ZA16A	15.5	1.12	1N3025A	15.5	2.25	1N2980A	155	4.58
	ZA16B	15.5	1.60	1N3025B	15.5	3.23	1N2980B	155	5.93
20	ZA18	14	.99	1N3026	14	1.95	1N2982	140	3.71
	ZA18A	14	1.12	1N3026A	14	2.25	1N2982A	140	4.58
	ZA18B	14	1.60	1N3026B	14	3.23	1N2982B	140	5.93
22	ZA20	12.5	.99	1N3027	12.5	1.95	1N2984	125	3.71
	ZA20A	12.5	1.12	1N3027A	12.5	2.25	1N2984A	125	4.58
	ZA20B	12.5	1.60	1N3027B	12.5	3.23	1N2984B	125	5.93
24	ZA22	11.5	.99	1N3028	11.5	1.95	1N2985	115	3.71
	ZA22A	11.5	1.12	1N3028A	11.5	2.25	1N2985A	115	4.58
	ZA22B	11.5	1.60	1N3028B	11.5	3.23	1N2985B	115	5.93
27	ZA24	10.5	.99	1N3029	10.5	1.95	1N2986	105	3.71
	ZA24A	10.5	1.12	1N3029A	10.5	2.25	1N2986A	105	4.58
	ZA24B	10.5	1.60	1N3029B	10.5	3.23	1N2986B	105	5.93
30	ZA27	9.5	.99	1N3030	9.5	1.95	1N2988	95	3.71
	ZA27A	9.5	1.12	1N3030A	9.5	2.25	1N2988A	95	4.58
	ZA27B	9.5	1.60	1N3030B	9.5	3.23	1N2988B	95	5.93
33	ZA30	8.5	1.10	1N3031	8.5	2.21	1N2989	85	3.71
	ZA30A	8.5	1.52	1N3031A	8.5	3.11	1N2989A	85	4.58
	ZA30B	8.5	2.03	1N3031B	8.5	4.09	1N2989B	85	5.93
36	ZA33	7.5	1.10	1N3032	7.5	2.21	1N2990	75	3.71
	ZA33A	7.5	1.52	1N3032A	7.5	3.11	1N2990A	75	4.58
	ZA33B	7.5	2.03	1N3032B	7.5	4.09	1N2990B	75	5.93
39	ZA36	7.0	1.10	1N3033	7.0	2.21	1N2991	70	3.71
	ZA36A	7.0	1.52	1N3033A	7.0	3.11	1N2991A	70	4.58
	ZA36B	7.0	2.03	1N3033B	7.0	4.09	1N2991B	70	5.93
	ZA39	6.5	1.10	1N3034	6.5	2.21	1N2992	65	3.71
	ZA39A	6.5	1.52	1N3034A	6.5	3.11	1N2992A	65	4.58
	ZA39B	6.5	2.03	1N3034B	6.5	4.09	1N2992B	65	5.93

Nom. Zener (Vz) Volts	Type ZA Cold Case			Type ZD DO-13 Case			Type ZS DO-4 Case		
	Mall. No.	IZT Ma	Net Ea.*	Mall. No.	IZT Ma	Net Ea.*	Mall. No.	IZT Ma	Net Ea.*
43	ZA43	6.0	\$1.10	1N3035	6.0	\$2.21	1N2993	60	\$3.71
	ZA43A	6.0	1.52	1N3035A	6.0	3.11	1N2993A	60	4.58
	ZA43B	6.0	2.03	1N3035B	6.0	4.09	1N2993B	60	5.93
47	ZA47	5.5	1.10	1N3036	5.5	2.21	1N2995	55	3.71
	ZA47A	5.5	1.52	1N3036A	5.5	3.11	1N2995A	55	4.58
	ZA47B	5.5	2.03	1N3036B	5.5	4.09	1N2995B	55	5.93
51	ZA51	5.0	1.10	1N3037	5.0	2.21	1N2997	50	3.71
	ZA51A	5.0	1.52	1N3037A	5.0	3.11	1N2997A	50	4.58
	ZA51B	5.0	2.03	1N3037B	5.0	4.09	1N2997B	50	5.93
56	ZA56	4.5	1.10	1N3038	4.5	2.21	1N2999	45	3.71
	ZA56A	4.5	1.52	1N3038A	4.5	3.11	1N2999A	45	4.58
	ZA56B	4.5	2.03	1N3038B	4.5	4.09	1N2999B	45	5.93
62	ZA62	4.0	1.10	1N3039	4.0	2.21	1N3000	40	3.71
	ZA62A	4.0	1.52	1N3039A	4.0	3.11	1N3000A	40	4.58
	ZA62B	4.0	2.03	1N3039B	4.0	4.09	1N3000B	40	5.93
68	ZA68	3.7	1.10	1N3040	3.7	2.21	1N3001	37	3.71
	ZA68A	3.7	1.52	1N3040A	3.7	3.11	1N3001A	37	4.58
	ZA68B	3.7	2.03	1N3040B	3.7	4.09	1N3001B	37	5.93
75	ZA75	3.3	1.10	1N3041	3.3	2.21	1N3002	33	3.71
	ZA75A	3.3	1.52	1N3041A	3.3	3.11	1N3002A	33	4.58
	ZA75B	3.3	2.03	1N3041B	3.3	4.09	1N3002B	33	5.93
82	ZA82	3.0	1.10	1N3042	3.0	2.21	1N3003	30	3.71
	ZA82A	3.0	1.52	1N3042A	3.0	3.11	1N3003A	30	4.58
	ZA82B	3.0	2.03	1N3042B	3.0	4.09	1N3003B	30	5.93
91	ZA91	2.8	1.10	1N3043	2.8	2.21	1N3004	28	3.71
	ZA91A	2.8	1.52	1N3043A	2.8	3.11	1N3004A	28	4.58
	ZA91B	2.8	2.03	1N3043B	2.8	4.09	1N3004B	28	5.93
100	ZA100	2.5	1.10	1N3044	2.5	2.21	1N3005	25	3.71
	ZA100A	2.5	1.52	1N3044A	2.5	3.11	1N3005A	25	4.58
	ZA100B	2.5	2.03	1N3044B	2.5	4.09	1N3005B	25	5.93
110	ZA110	2.3	1.22	1N3045	2.3	2.40	1N3007	23	4.13
	ZA110A	2.3	1.79	1N3045A	2.3	3.56	1N3007A	23	4.58
	ZA110B	2.3	2.74	1N3045B	2.3	5.36	1N3007B	23	5.93
120	ZA120	2.0	1.22	1N3046	2.0	2.40	1N3008	20	4.13
	ZA120A	2.0	1.79	1N3046A	2.0	3.56	1N3008A	20	4.58
	ZA120B	2.0	2.74	1N3046B	2.0	5.36	1N3008B	20	5.93
130	ZA130	1.9	1.22	1N3047	1.9	2.40	1N3009	19	4.13
	ZA130A	1.9	1.79	1N3047A	1.9	3.56	1N3009A	19	4.58
	ZA130B	1.9	2.74	1N3047B	1.9	5.36	1N3009B	19	5.93
150	ZA150	1.7	1.22	1N3048	1.7	2.40	1N3011	17	4.13
	ZA150A	1.7	1.79	1N3048A	1.7	3.56	1N3011A	17	4.58
	ZA150B	1.7	2.74	1N3048B	1.7	5.36	1N3011B	17	5.93
160	ZA160	1.6	1.22	1N3049	1.6	2.40	1N3012	16	4.13
	ZA160A	1.6	1.79	1N3049A	1.6	3.56	1N3012A	16	4.58
	ZA160B	1.6	2.74	1N3049B	1.6	5.36	1N3012B	16	5.93
180	ZA180	1.4	1.22	1N3050	1.4	2.40	1N3014	14	4.13
	ZA180A	1.4	1.79	1N3050A	1.4	3.56	1N3014A	14	4.58
	ZA180B	1.4	2.74	1N3050B	1.4	5.36	1N3014B	14	5.93
200	ZA200	1.2	1.22	1N3051	1.2	2.40	1N3015	12	4.13
	ZA200A	1.2	1.79	1N3051A	1.2	3.56	1N3015A	12	4.58
	ZA200B	1.2	2.74	1N3051B	1.2	5.36	1N3015B	12	5.93

ZENER DIODE HARDWARE

Mallory Number	Description	Pieces Per Pkg.	Net Each
HDO-4	Kit of two HDO-4A's, one each HDO-4B, HDO-4C, HDO-4D and HDO-4E	.....	\$0.13
HDO-4A	Mica washer	25	.012
HDO-4B	Brass washer	25	.017
HDO-4C	Teflon washer	25	.017
HDO-4D	Solder lug	25	.02

Power Rheostats



Mallory power rheostats (Type K) utilize vitreous enamel construction for maximum environmental protection. All current-carrying parts are electrically insulated by dimensionally stable ceramic. Type K rheostats have been tested to 5,000 volts, without breakdown between electrical and mechanical components. U/L voltage ratings are as follows: 25K, 50K, 75K, 100K and 150K—300 volts; 225K, 300K and 500K—600 volts.

The contact mechanism features the patented spring-hinge arm. This spring loaded assembly ensures constant and correct pressure on the rheostat windings. An added advantage is that the high-purity graphite block may be removed easily for cleaning, or, if necessary, for replacement.

Type K rheostats are furnished in a standard linear taper and with all mounting hardware, dial plate and knob. Special two- and three-section tapers are available on special order. All values shown are for continuous operation in free air.

TYPE 25K 25 WATTS

1 1/8" O.D. 295° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
25K1P	1	5.000	28	\$4.40
25K2P	2	3.540	28	3.90
25K3P	3	2.880	53	3.90
25K6P	6	2.040	51	3.90
25K8P	8	1.770	56	3.90
25K10P	10	1.580	54	3.90
25K15P	15	1.290	88	3.90
25K25P	25	1.000	117	3.90
25K35P	35	.845	129	3.90
25K50P	50	.707	149	3.90
25K75P	75	.575	174	3.90
25K100P	100	.500	184	3.90
25K125P	125	.447	187	3.90
25K175P	175	.378	178	3.90
25K250P	250	.316	200	3.90
25K350P	350	.267	227	3.90
25K500P	500	.222	256	3.90
25K750P	750	.182	303	3.90
25K1000P	1000	.155	318	4.40
25K1500P	1500	.129	310	4.40
25K2500P	2500	.100	405	4.40
25K3500P	3500	.084	432	4.66
25K5000P	5000	.070	471	4.66

TYPE 100K 100 WATTS

3 3/8" O.D. 300° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
100K.5P	.5	14.20	30	\$7.32
100K1P	1	10.00	40	7.32
100K2P	2	7.07	42	7.32
100K3P	3	5.77	56	7.32
100K5P	5	4.47	59	7.32
100K7.5P	7.5	3.65	96	6.86
100K10P	10	3.16	101	6.86
100K16P	16	2.50	128	6.86
100K25P	25	2.00	160	6.86
100K50P	50	1.41	200	6.86
100K75P	75	1.15	240	6.86
100K100P	100	1.00	250	6.86
100K200P	200	.71	315	6.86
100K300P	300	.58	302	6.86
100K400P	400	.50	316	6.86
100K500P	500	.45	342	6.86
100K750P	750	.37	406	6.86
100K1000P	1000	.32	435	7.32
100K1500P	1500	.26	520	7.32
100K2000P	2000	.22	544	7.32
100K2500P	2500	.20	535	7.32
100K5000P	5000	.14	692	7.82
100K7500P	7500	.12	820	8.30
100K10000P	10000	.10	840	8.80

TYPE 300K 300 WATTS

6 1/4" O.D. 315° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
300K1P	1	17.30	48	\$14.53
300K2P	2	12.25	60	14.53
300K3P	3	10.00	64	14.53
300K4P	4	8.66	80	14.53
300K5P	5	7.75	80	14.53
300K7.5P	7.5	6.32	100	14.53
300K10P	10	5.48	139	14.53
300K15P	15	4.47	128	14.53
300K25P	25	3.46	182	14.53
300K50P	50	2.45	228	14.53
300K75P	75	2.00	271	14.53
300K100P	100	1.73	287	14.53
300K150P	150	1.41	338	14.53
300K200P	200	1.22	361	14.53
300K300P	300	1.00	427	14.53
300K400P	400	.87	460	14.53
300K700P	700	.66	555	14.53
300K900P	900	.58	564	14.53
300K1200P	1200	.50	605	14.53
300K1500P	1500	.45	755	14.53
300K1750P	1750	.41	691	14.53
300K2500P	2500	.35	785	14.53

TYPE 50K 50 WATTS

2 13/32" O.D. 300° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
50K.5P	.5	10.00	25	\$4.89
50K1P	1	7.07	37	4.89
50K2P	2	5.00	42	4.89
50K4P	4	3.54	66	4.40
50K6P	6	2.89	79	4.40
50K8P	8	2.50	84	4.40
50K12P	12	2.04	100	4.40
50K16P	16	1.76	106	4.49
50K22P	22	1.50	145	4.40
50K35P	35	1.19	145	4.40
50K50P	50	1.00	163	4.40
50K80P	80	.79	210	4.40
50K125P	125	.63	204	4.40
50K150P	150	.58	244	4.40
50K225P	225	.47	298	4.40
50K300P	300	.41	268	4.40
50K500P	500	.32	205	4.40
50K800P	800	.25	363	4.66
50K1000P	1000	.22	354	4.66
50K1600P	1600	.176	449	4.66
50K2500P	2500	.14	455	4.66
50K3500P	3500	.12	500	4.89
50K5000P	5000	.10	550	4.89
50K8000P	8000	.08	690	4.89
50K10000P	10000	.07	870	4.89

TYPE 150K 150 WATTS

4 1/2" O.D. 305° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
150K.5P	.5	17.30	31	\$9.28
150K1P	1	12.30	38	9.28
150K2P	2	8.66	51	9.28
150K3P	3	7.07	73	9.28
150K5P	5	5.48	77	9.28
150K7.5P	7.5	4.47	70	9.28
150K10P	10	3.87	145	8.80
150K15P	15	3.16	138	8.80
150K25P	25	2.45	142	8.80
150K35P	35	2.07	198	8.80
150K50P	50	1.73	182	8.80
150K75P	75	1.41	218	8.80
150K100P	100	1.22	229	8.80
150K150P	150	1.00	276	8.80
150K200P	200	.87	289	8.80
150K250P	250	.77	360	8.80
150K350P	350	.66	350	8.80
150K500P	500	.55	400	8.80
150K750P	750	.45	460	9.28
150K1250P	1250	.35	490	9.28
150K1800P	1800	.290	555	9.80
150K2250P	2250	.26	547	9.80
150K3000P	3000	.22	729	10.27
150K4500P	4500	.18	689	10.76
150K7500P	7500	.14	930	11.73
150K10000P	10000	.12	980	

TYPE 500K 500 WATTS

8" O.D. 325° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
500K1P	1	22.40	73	\$20.99
500K2P	2	15.80	68	20.99
500K3P	3	12.90	91	20.99
500K4P	4	11.20	96	20.99
500K5P	5	10.00	127	20.99
500K7.5P	7.5	8.16	134	20.99
500K10P	10	7.07	169	20.99
500K15P	15	5.79	180	20.99
500K25P	25	4.47	230	20.99
500K50P	50	3.16	285	20.99
500K75P	75	2.58	342	20.99
500K100P	100	2.24	362	20.99
500K150P	150	1.82	430	20.99
500K200P	200	1.58	452	20.99
500K250P	250	1.41	563	20.99
500K350P	350	1.20	630	20.99
500K500P	500	1.00	708	20.99
500K750P	750	.82	670	20.99
500K1MP	1000	.71	705	20.99
500K1500P	1500	.58	862	20.99
500K2500P	2500	.45	975	20.99

TYPE 75K 75 WATTS

2 5/8" O.D. 300° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
75K.5P	.5	12.20	26	\$6.61
75K1P	1	8.66	35	6.61
75K2P	2	6.12	42	6.61
75K4P	4	4.34	64	6.61
75K6P	6	3.54	77	6.09
75K8P	8	3.06	81	6.09
75K12P	12	2.50	97	6.09
75K25P	25	1.73	126	6.09
75K50P	50	1.22	159	6.09
75K75P	75	1.00	188	6.09
75K100P	100	.87	200	6.09
75K200P	200	.61	249	6.09
75K250P	250	.55	252	6.09
75K350P	350	.46	277	6.09
75K500P	500	.39	312	6.09
75K750P	750	.32	330	6.61
75K1MP	1000	.27	365	6.61
75K1500P	1500	.22	407	6.61
75K2500P	2500	.17	428	6.61
75K5MP	5000	.12	550	7.08
75K8MP	8000	.10	670	7.60
75K10MP	10000	.09	660	7.60

TYPE 225K 225 WATTS

5" O.D. 310° angle of rotation.

Mallory No.	Ohms	Max. Amps	Steps	Net Each
225K1P	1	15.00	52	\$13.40
225K2P	2	10.60	69	13.40
225K3P	3	8.66	73	13.40
225K4P	4	7.50	91	13.40
225K5P	5	6.71	91	13.40
225K7.5P	7.5	5.48	96	13.40
225K10P	10	4.74	101	13.40
225K15P	15	3.87	147	13.40
225K25P	25	3.00	192	13.40
225K50P	50	2.12	242	13.40
225K75P	75	1.73	290	13.40
225K100P	100	1.50	304	13.40
225K150P	150	1.22	364	13.40
225K200P	200	1.06	382	13.40
225K350P	350	.80	421	13.40
225K500P	500	.67	475	13.40
225K750P	750	.55	577	13.40
225K1MP	1000	.47	605	13.40
225K1500P	1500	.39	715	13.40
225K2500P	2500	.30	660	13.40

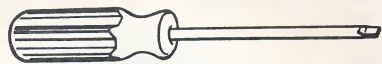
TYPE "K" RHEOSTAT ACCESSORIES

(Not Illustrated)

Mallory No.	Description	Dia.	Net Each
365-1	Bar knob	2 1/4"	\$0.21
366-1	Bar knob	1 1/4"	.15
367-1	Knurled rd. knob	1 1/2"	.21
368-1	Knurled rd. knob	1 1/8"	.20
364	368 w/pointer	1 1/8"	.09
363†	Handwheel*	3 1/4"	2.40
363-1†	Handwheel**	3 1/4"	2.40
362	Handwheel*	3 1/4"	2.40
362-1	Handwheel**	3 1/4"	2.40
361	Finger grip*	1 1/8"	.90
361-1	Finger grip**	1 1/8"	.90
360	Finger grip*	1 1/8"	.90
360-1	Finger grip**	1 1/8"	.90
359†	Finger grip*	2 3/8"	.90
359-1†	Finger grip**	2 3/8"	.90
369	Dial plate, 0-100	.....	.10
370	Dial plate, 0-100	.....	.10
391	Dial plate, vol.	.....	.10

*With pointer. **Without pointer. †3/8" hole dia., others, 1/4".

Capacitor Data



MW100

Special wrench for mounting standard FP capacitors. Designed to give correct twisting motion to ears when mounting.



Standard Terminal Lug Sequence

1" DIAMETER
 SINGLE = — BLANK SINGLE = — BLANK
 DUAL = □ HIGH V. DUAL = □ HIGH V.
 Δ LOW V. Δ LOW V.
 TRIPLE = □ HIGH V. TRIPLE = □ HIGH V.
 Δ MED. V. Δ MED. V.
 — LOW V. — LOW V.

3/8" DIAMETER
 SINGLE = — BLANK SINGLE = — BLANK
 DUAL = □ HIGH V. DUAL = □ HIGH V.
 Δ LOW V. Δ LOW V.
 TRIPLE = □ HIGH V. TRIPLE = □ HIGH V.
 Δ MED. V. Δ MED. V.
 — LOW V. — LOW V.

For identical voltages use above sequence based on capacity

MOUNTING AND MECHANICAL DETAILS

FP series capacitors are available in three diameters: 3/4", 1", and 1 3/8". Lengths and mounting hardware are shown below. Chassis punch details are shown to the right. Use BP (phenolic) or MP (metal) plates where direct chassis layout is not desired. See page 9 for VR clamps.

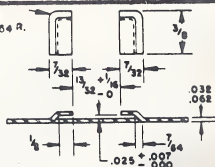
HARDWARE

SIZE CODE	SIZE, INCHES DIA. x LGTH.	BP— or MP—	CE—	TH—	PS—	VR—
A	3/4 x 2	2	1	19	—	—
B	1 x 2	4	3	23	4	1
C	1 x 2 1/2	4	7	23	4	1
D	1 x 3	4	4	23	4	1
E	1 x 4	4	8	23	4	1
F	1 1/2 x 2	6	5	25	6	3
G	1 1/2 x 2 1/2	6	9	25	6	3
H	1 1/2 x 3	6	6	25	6	3
I	1 1/2 x 4	6	10	25	6	3
J	1 1/2 x 3 1/2	6	12	25	6	3
K	1 x 3 1/2	4	11	23	4	1
L	1 x 1 1/2	4	2	23	4	1
M	1 x 1 3/4	4	13	23	4	1
N	1 1/2 x 4 1/2	6	—	25	6	3
O	3/4 x 1 1/2	2	14	19	—	—
P	1 1/2 x 1 1/2	6	5	25	6	3
Q	1 x 2 3/4	4	7	23	4	1
R	1 1/2 x 1 1/4	6	5	25	6	3

*TH clips shown for bare cans only.

INSULATING SLEEVES—Closed end cardboard tubes used to insulate metal can where shock potential is present. Tubes add 3/32" to can base diameter and 3/16" to overall height.

HORIZONTAL MOUNTING CLIPS—Use TH clips for fast, easy assembly without tools. Punch chassis as shown. Clips slide into, then lock in place. Will pass vibration test. May be riveted to chassis if desired (hole is 1/4" dia.).



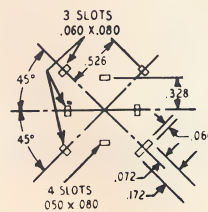
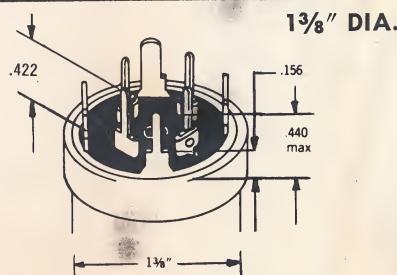
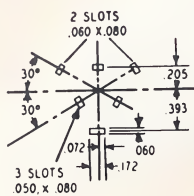
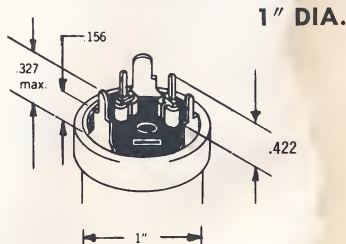
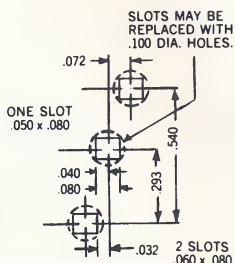
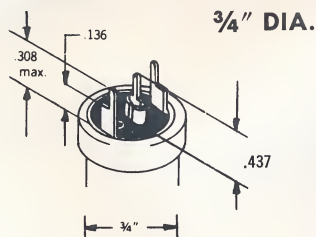
PLUG-IN SOCKETS—Provide plug-in convenience for standard FP-WP capacitors. Blank ear must be removed from capacitor to insure polarization. PSC4 retainer clip available to positively lock 1" capacitor in PS4.

Not available for 3/4" Size

PS4
Punch Main
Chassis
Hole 1 1/4" Dia.

PS6
Punch Main
Chassis
Hole 1 3/8" Dia.

PFP-PWP MOUNTING DETAILS



Resistors

● TYPE AE WIRE-WOUND RESISTORS AXIAL LEAD VITREOUS ENAMEL COATED

Mallory type AE wire-wound resistors have axial leads and a tough green vitreous enamel coating. Available in three power ratings: 3, 5 and 10 watts. The equivalent MIL-R-26 styles are: RW59 (3AE), RW57 (5AE) and RW58 (10AE).
To order: Use type number followed by resistance value (e.g., 3AE4000). **Tolerance:** = 5% except (*), = 10%.

3-WATT TYPE 3AE

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
1*	\$0.45	35	\$0.45	500	\$0.49	2500	\$0.49
1.5*	.45	40	.45	600	.49	3000	.49
2*	.45	50	.45	700	.49	3500	.49
3*	.45	75	.45	750	.49	4000	.49
4*	.45	100	.45	800	.49	4500	.49
5*	.45	125	.45	900	.49	5000	.49
6*	.45	150	.45	1000	.49	6000	.52
7.5*	.45	200	.45	1100	.49	7000	.52
10*	.45	225	.45	1200	.49	7500	.52
12	.45	250	.45	1250	.49	8000	.52
15	.45	300	.45	1500	.49	9000	.52
20	.45	350	.49	1750	.49	10,000	.52
25	.45	400	.49	2000	.49		
30	.45	450	.49	2250	.49		

5-WATT TYPE 5AE

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
1*	\$0.46	50	\$0.46	750	\$0.50	4500	\$0.50
1.5*	.46	75	.46	800	.50	5000	.50
2*	.46	100	.46	900	.50	6000	.53
3*	.46	125	.46	1000	.50	7000	.53
4*	.46	150	.46	1100	.50	7500	.53
5*	.46	200	.46	1200	.50	8000	.53
7.5*	.46	225	.46	1250	.50	9000	.53
10*	.46	250	.46	1500	.50	10,000	.53
12	.46	300	.46	1750	.50	12,500	.57
15	.46	350	.50	2000	.50	15,000	.57
20	.46	400	.50	2250	.50	17,500	.61
25	.46	450	.50	2500	.50	18,000	.61
30	.46	500	.50	3000	.50	20,000	.61
35	.46	600	.50	3500	.50	22,500	.63
40	.46	700	.50	4000	.50	25,000	.63

10-WATT TYPE 10AE

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
1*	\$0.51	125	\$0.51	1250	\$0.53	11,000	\$0.71
1.5*	.51	150	.51	1500	.53	12,000	.71
2*	.51	200	.51	1750	.53	12,500	.71
3*	.51	225	.51	2000	.53	13,500	.71
4*	.51	250	.51	2250	.53	15,000	.71
5*	.51	300	.51	2500	.53	16,000	.71
7.5*	.51	350	.51	3000	.53	17,500	.71
10*	.51	400	.51	3500	.53	18,000	.71
12	.51	450	.51	4000	.53	20,000	.71
15	.51	500	.51	4500	.53	22,500	.75
20	.51	600	.51	5000	.53	25,000	.75
25	.51	700	.51	6000	.63	30,000	.75
30	.51	750	.51	7000	.63	35,000	.75
35	.51	800	.51	7500	.63	40,000	.75
40	.51	900	.51	8000	.63	45,000	.83
50	.51	1000	.51	8500	.63	50,000	.83
75	.51	1100	.53	9000	.63		
100	.51	1200	.53	10,000	.63		

*Tolerance, = 10%; all others, = 5%.

TYPE AE RESISTOR SIZES

Type	Diameter	Length
3AE	1/4"	9/16"
5AE	11/32"	1"
10AE	13/32"	1 1/4"

● TYPE MOL METAL OXIDE FILM RESISTORS

Mallory MOL resistors are the product of a new technology. A thin layer of metal oxide is evaporated onto a high quality ceramic rod. A precision ground spiral then provides exactly the correct resistance. The MOL is essentially non-inductive with superb stability characteristics. May be used in place of either composition carbon, deposited carbon or wire-wound types.

To order: Use type number followed by resistance value (e.g., 2MOL1000). **Tolerance:** = 10%.

2-WATT TYPE 2MOL

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
33	\$0.20	220	\$0.20	1500	\$0.20	10,000	\$0.20
39	.20	270	.20	1800	.20	12,000	.20
47	.20	330	.20	2200	.20	15,000	.20
56	.20	390	.20	2700	.20	18,000	.20
68	.20	470	.20	3300	.20	22,000	.20
82	.20	560	.20	3900	.20	27,000	.20
100	.20	680	.20	4700	.20	33,000	.20
120	.20	820	.20	5600	.20	39,000	.20
150	.20	1000	.20	6800	.20	47,000	.20
180	.20	1200	.20	8200	.20	56,000	.20

3-WATT TYPE 3MOL

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
39	\$0.20	270	\$0.20	1800	\$0.20	12,000	\$0.25
47	.20	330	.20	2200	.20	15,000	.25
56	.20	390	.20	2700	.20	18,000	.25
68	.20	470	.20	3300	.20	22,000	.25
82	.20	560	.20	3900	.20	27,000	.28
100	.20	680	.20	4700	.22	33,000	.28
120	.20	820	.20	5600	.22	39,000	.28
150	.20	1000	.20	6800	.22	47,000	.28
180	.20	1200	.20	8200	.24	56,000	.28
220	.20	1500	.20	10,000	.24		

4-WATT TYPE 4MOL

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
82	\$0.20	560	\$0.20	3900	\$0.21	27,000	\$0.32
100	.20	680	.20	4700	.22	33,000	.32
120	.20	820	.20	5600	.22	39,000	.32
150	.20	1000	.20	6800	.22	47,000	.32
180	.20	1200	.20	8200	.25	56,000	.32
220	.20	1500	.20	10,000	.25	68,000	.32
270	.20	1800	.20	12,000	.29	82,000	.32
330	.20	2200	.21	15,000	.29	100,000	.32
390	.20	2700	.21	18,000	.29	120,000	.32
470	.20	3300	.21	22,000	.29		

5-WATT TYPE 5MOL

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
100	\$0.20	680	\$0.20	4700	\$0.23	33,000	\$0.32
120	.20	820	.20	5600	.23	39,000	.32
150	.20	1000	.20	6800	.23	47,000	.32
180	.20	1200	.20	8200	.26	56,000	.32
220	.20	1500	.20	10,000	.26	68,000	.32
270	.20	1800	.20	12,000	.30	82,000	.32
330	.20	2200	.22	15,000	.30	100,000	.32
390	.20	2700	.22	18,000	.30	120,000	.32
470	.20	3300	.22	22,000	.30		
560	.20	3900	.22	27,000	.32		

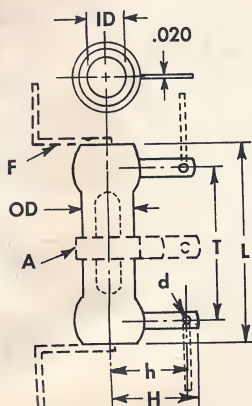
7-WATT TYPE 7MOL

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
120	\$0.22	820	\$0.22	5600	\$0.26	39,000	\$0.36
150	.22	1000	.22	6800	.26	47,000	.36
180	.22	1200	.22	8200	.30	56,000	.36
220	.22	1500	.22	10,000	.30	68,000	.36
270	.22	1800	.22	12,000	.33	82,000	.36
330	.22	2200	.22	15,000	.33	100,000	.36
390	.22	2700	.22	18,000	.33	120,000	.36
470	.22	3300	.22	22,000	.33		
560	.22	3900	.22	27,000	.36		
680	.22	4700	.26	33,000	.36		

TYPE MOL RESISTOR SIZES

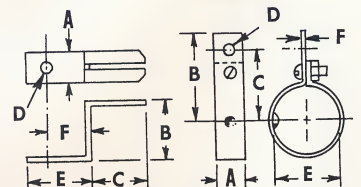
Type	Diameter	Length
2MOL	5/16"	1 1/8"
3MOL	3/8"	1 5/8"
4MOL	7/16"	1 7/8"
5MOL	1/2"	2 1/8"
7MOL	5/8"	2 1/2"

HJ AND AV RESISTOR DIMENSIONS



Type	Watts	DIMENSIONS—INCHES								Hardware	
		OD	ID	L	T	H	h	d	F	A	
HHJ	5	5/16	13/64	1	25/32	1/2	7/16	†	30V†	—	
1HJ	10	3/16	13/64	1 1/4	1 1/2	1/2	7/16	†	30V†	—	
1AV*	10	5/16	13/64	1 1/4	1 1/2	1/2	7/16	.144	30V	1V	
2HJ	20	7/16	5/16	2	1 1/8	5/8	17/32	†	31V†	—	
2AV*	20	7/16	5/16	2	1 1/8	5/8	17/32	.144	31V	3V	
2.5HJ	25	9/16	5/16	2	1 1/2	27/32	23/32	.144	31V	—	
5HJ	50	9/16	5/16	4	3 1/2	27/32	23/32	.144	31V	—	
5AV*	50	9/16	5/16	4	3 1/2	27/32	23/32	.144	31V	3V	
7.5HJ	75	9/16	5/16	6	5 1/2	27/32	23/32	.144	31V	—	
7.5AV*	75	9/16	5/16	6	5 1/2	27/32	23/32	.144	31V	3V	
10HJ	100	3/4	1/2	6 1/2	6	1 5/16	1 1/16	.144	33V	—	
10AV*	100	3/4	1/2	6 1/2	6	1 5/16	1 1/16	.144	33V	4V	
16HJ	160	1 1/8	47/64	8 1/2	8	1 1/8	1	.144	35V	—	
16AV*	160	1 1/8	47/64	8 1/2	8	1 1/8	1	.144	35V	6V	
20HJ	200	1 1/8	7/8	10 1/2	10	1 1/8	1	.144	32V	—	
20AV*	200	1 1/8	7/8	10 1/2	10	1 1/8	1	.144	32V	6V	

* Adjustable types, all others fixed. † Has wire leads 2 1/4" long—.040" diam.
‡ Mounting Feet not furnished with HHJ, 1HJ, 2HJ.



No.	DIMENSIONS—INCHES					
	A	B	C	D	E	F
1V	5/32	9/16	7/16	.096	5/16	.020
3V	1/4	7/8	3/4	.166	9/16	.032
4V	1/4	31/32	27/32	.166	3/4	.032
6V	3/8	1 1/4	13/32	.173	1 1/8	.032
30V	5/16	5/8	3/8	.142	7/16	9/32
31V	21/64	3/4	15/16	.203	1/2	1/4
32V	7/8	1 1/4	1 1/2	.265	1 1/8	3/8
33V	1/2	3/4	15/16	.203	1/2	1/4
35V	3/4	1 1/4	1 1/2	.265	1 1/8	3/8

Capacitors



METAL CAN ELECTROLYTIC CAPACITORS

FP-WP capacitors are designed for 85° C operation, and have standard twist-prong mounting lugs with solder terminals. PFP-PWP types use standard EIA printed circuit terminals and can be used in place of normal solder terminal types. FPS is special mounting for auto radios. FP-WP types may be adapted to printed circuit mounting by using an FPA Adapter Kit (Net Each, 27c). All types use "etched cathode" construction for hum-free operation, and have an exclusive vent and seal design. Standard tolerance: Up to 50 WVDC, -10% to +150%; 51 to 350 WVDC, -10% to +100%; 351 WVDC and up, -10% to +50%. *Sizes shown are at end of listing.

FP-WP AND PFP-PWP—SINGLES

Mallory No.	Cap., μ F	WV DC	*	Net Each	Mallory No.	Cap., μ F	WV DC	*	Net Each	Mallory No.	Cap., μ F	WV DC	*	Net Each	Mallory No.	Cap., μ F	WV DC	*	Net Each
WP510	.5Z/15750†	3NP	b	\$1.32	WP057A	500	25	f	\$1.53	FP116.6	120	150	f	\$1.23	FP140.5A	140	350	g	\$2.34
WP540	1.0Z/60†	3NP	h	2.40	WP059	1000	25	f	2.13	PFP116.8A	140	150	b	1.44	FP140.6A	150	350	g	2.55
WP505	10Z/30†	3NP	a	1.20	PWP060	1500	25	d	2.57	FP117A	150	150	b	1.29	FP141	320	350	i	4.05
PWP030A	750	6	o	1.29	● FP060.2	2000	25	r	2.56	FP117.5	150	150	f	1.29	FP142	10	450	a	.93
● FP030.6	5000	6	c	3.14	● FP060.4	4000	25	h	3.93	FP118A	200	150	f	1.47	FP143A	15	450	l	1.02
● FP030.8	10000	6	g	5.52	● FP060.6	5000	25	j	4.63	FP119A	300	150	f	1.68	FP144	20	450	b	1.08
PWP031A	2500	10	c	2.84	● FP060.8	10000	25	n	6.33	FP121	120	200	f	1.41	PFP144	20	450	b	1.29
● FP031.6	5000	10	d	3.45	WP063	4	50	a	.75	FP122A	125	200	b	1.47	FP145	30	450	c	1.17
● FP031.8	10000	10	h	6.16	WP064A	100	50	l	.99	PFP122A	160	200	g	1.91	FP146	40	450	c	1.23
WP035	225	15	a	1.05	● 063.9A	100	50	o	1.04	FP125	500	200	h	2.19	● FP147	50	450	d	1.25
PWP036	400	15	a	1.16	WP064.2A	150	50	l	1.08	WP125.5A	15	250	a	.93	FP148	60	450	g	1.68
WP039A	1000	15	l	1.53	WP065	500	50	c	1.59	WP125.9A	140	250	a	1.74	FP149	80	450	g	1.83
WP041A	2000	15	f	2.07	WP066A	500	50	f	1.59	FP128A	150	250	c	1.71	FP150	100	450	h	2.07
WP042A	3000	15	f	2.10	FP066.5	1000	50	f	2.50	WP129.1A	80	300	c	1.53	FP155	125	450	j	2.76
● FP042.6	5000	15	g	4.06	WP067A	1250	50	g	2.90	WP131.5	160	300	c	1.74	FP171A	10	500	l	.96
● FP042.8	10000	15	j	6.66	WP068	1500	50	h	2.31	WP132	100	300	g	2.31	FP173	20	500	b	1.11
WP052	40	25	a	.81	FP070	2000	50	j	3.21	FP135A	200	300	g	2.58	FP175	30	500	c	1.20
WP055A	30	25	l	.96	FP113	30	150	a	.93	FP137A	30	350	b	1.26	FP176	40	500	d	1.50
PWP056	30	25	b	1.44	FP115A	50	150	l	.99	FP137.2A	60	350	c	1.32	FP177	40	500	d	1.50
					FP116A	100	150	l	1.20	FP138A	80	350	f	1.71	PFP176.5	40	500	d	1.74
					FP116.5A	120	150	b	1.23	FP140A	125	350	g	2.37	FP187	90	500	h	2.10

FP-WP AND PFP-PWP—DUALS

Mallory No.	Capacity, μ F	WVDC	*	Net Each	Mallory No.	Capacity, μ F	WVDC	*	Net Each	Mallory No.	Capacity, μ F	WVDC	*	Net Each
WP204	250-1000	10-6	f	\$1.71	PFP216.45	50-100	200-150	f	\$1.91	WP230.2	20-200	450-250	f	\$2.73
WP205	.5Z-2.5Z/15750†	12-6	i	2.16	PFP216.5A	40-20	200-200	l	1.42	FP230.3	40-10	450-300	d	1.56
WP200	1000-1000	15-15	f	2.64	FP216.6A	60-60	200-200	b	1.53	FP230.5	10-50	450-350	d	1.71
WP200.1A	1000-1000	15-15	c	2.64	FP216.1A	200-5	200-200	f	1.65	FP230.6	10-100	450-350	h	2.40
FP200.13	1000-1000	16-10	c	2.77	● PFP216.1A	200-5	200-200	f	2.26	FP235	20-80	450-350	g	2.19
WP200.23	1500-1000	16-10	f	2.55	FP216.7	250-100	200-200	g	2.78	● PFP230.7	80-20	450-350	h	2.51
FP200.6	500-500	16-16	b	1.95	FP217.865	100-100	200-300	k	2.23	PFP217.11	2-20	450-400	b	1.43
PFP200.65	500-500	16-16	l	1.83	FP216.8A	40-25	250-150	l	1.29	WP230.9A	5-5	450-450	l	1.02
PFP200.45A	700-200	16-16	l	2.09	FP217A	20-20	250-250	l	1.14	FP231	10-10	450-450	b	1.14
WP200.18	800-200	16-16	b	1.68	FP221A	40-40	250-250	m	1.50	FP231.2	20-5	450-450	b	1.46
● PFP200.19	1000-200	16-16	b	1.83	FP217.7A	150-150	250-250	g	3.09	FP231.3	20-10	450-450	c	1.32
WP200.21A	1000-500	16-16	b	2.28	FP217.74A	200-200	250-250	h	3.60	FP234A	20-20	450-450	c	1.53
PWP200.3A	250-250	20-20	l	1.69	WP217.85A	35-500	300-6	m	1.68	FP237	30-30	450-450	g	1.83
WP200.5A	500-100	20-20	l	1.65	FP217.86A	30-20	300-50	l	1.14	FP238A	40-40	450-450	g	2.07
PWP200.6	500-100	20-20	b	1.79	FP217.8A	20-60	300-250	b	1.65	FP239	50-40	450-450	h	2.19
PFP200.7	500-100	20-20	b	1.80	PFP217.86	10-10	300-300	f	1.57	FP240†	50-50	450-450	h	2.31
WP200.7A	500-200	20-20	l	1.80	FP217.87	40-40	300-300	f	1.77	FP242A	60-20	450-450	g	2.10
PWP200.4	800-250	20-20	c	2.25	FP217.88	50-10	300-300	f	1.53	FP242.5A	60-60	450-450	j	2.70
WP200.2A	1000-2000	25-15	g	3.87	FP217.9A	75-75	300-300	g	2.28	FP245	80-10	450-450	h	2.16
WP201.1A	40-40	25-25	l	.93	FP218A	120-20	300-300	g	2.40	FP245.2	80-20	450-450	h	2.34
PWP201.13	400-200	25-25	b	1.79	WP219	125-60	300-300	g	2.70	FP245.3A	80-30	450-450	i	2.49
PWP201.15	1000-1000	25-25	g	3.48	FP219.7	150-100	300-300	h	3.11	FP247	100-40	450-450	i	2.91
PWP201.3	1500-1500	25-25	h	4.52	● PFP220.1	40-25	350-25	b	1.54	FP248	100-60	450-450	i	3.51
WP201.5	1000-1000	35-35	g	3.93	FP223A	5-75	350-150	m	1.26	FP250	40-80	475-200	g	2.19
WP202.1A	100-50	50-50	l	1.02	FP225A	15-15	350-350	m	1.35	● FP252A	80-80	475-250	j	2.79
WP202.5A	100-100	50-50	l	1.26	FP227A	20-20	350-350	b	1.38	FP253	80-160	475-250	n	3.53
WP205.6A	50-500	150-5	l	1.41	FP227.3A	30-30	350-350	c	1.74	FP255A	20-100	475-300	g	2.37
WP205.8	50-1000	150-8	b	1.71	WP227.35	80-20	350-350	d	2.10	FP256A	20-100	475-400	j	2.70
WP206A	50-150	150-25	l	1.32	FP227.4A	80-20	350-350	f	2.10	FP258	15-15	475-475	c	1.41
FP208A	20-20	150-150	l	1.02	FP227.5A	80-40	350-350	g	2.16	FP259	30-10	475-475	d	1.56
FP211A	30-30	150-150	l	1.11	FP227.6A	80-80	350-350	h	2.82	FP260A	40-10	475-475	g	1.86
FP210A	40-20	150-150	l	1.08	FP227.7A	100-100	350-350	j	3.69	FP262	40-40	475-475	h	2.58
FP212A	40-40	150-150	l	1.14	FP228.3	150-20	350-350	h	2.73	FP263A	60-40	475-475	j	2.73
FP213A	50-30	150-150	l	1.29	FP229A	35-100	400-50	c	1.56	FP264.5	80-40	475-475	i	3.03
PFP213.1A	50-30	150-150	l	1.40	FP229.2	40-4	400-350	d	1.41	FP266	80-50	475-475	i	3.12
FP214A	50-50	150-150	c	1.56	● FP229.28	80-4	400-350	e	2.10	WP272	10-100	500-50	b	1.38
FP214.3	70-30	150-150	f	1.46	FP229.3	100-10	400-350	g	2.62	FP277	60-80	500-150	h	2.25
FP214.5	75-75	150-150	b	1.56	FP229.4	75-75	400-400	i	2.91	FP280	40-50	500-200	g	1.98
FP214.6A	75-75	150-150	b	1.38	FP229.5	80-60	400-400	i	2.82	FP282A	10-10	500-500	b	1.17
FP216.2A	80-40	150-150	m	1.38	WP229.52	120-40	400-400	i	3.15	FP282.5	20-20	500-500	f	2.09
PWP214.4A	80-40	150-150	b	1.52	FP229.53	40-50	450-50	d	1.73	FP283	30-10	500-500	f	1.56
WP216.24	80-50	150-150	b	1.50	FP229.55A	40-100	450-50	d	1.68	FP284	30-30	500-500	g	1.95
PFP214.7A	100-50	150-150	b	1.62	FP229.6	50-100	450-50	g	1.80	PFP284.1A	30-30	500-500	g	2.52
FP215A	125-100	150-150	r	2.04	FP244	80-50	450-50	h	2.10	FP288	40-40	500-500	h	2.58
FP216.3A	200-150	150-150	f	2.25	FP229.8	80-100	450-50	h	2.25	FP290	60-40	500-500	j	2.73
FP216.4A	200-200	150-150	g	2.40	FP229.9A	30-200	450-150	g	2.10					
PFP216.4A	200-200	150-150	g	2.59	FP230A	20-50	450-250	c	1.68					

†Recommended for photoflash applications. Can is ungrounded. †Cycles.

FP-WP AND PFP-PWP—TRIPLES

Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each	Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each	Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each
WP300.15A	200-200-30	10-10-10	l	\$1.35	WP300.8A	500-100-100	16-16-16	m	\$2.64	PFP302.38	70-30-100	150-150-10c		\$1.67
WP300.6A	850-400-2.2	16-16-#	b	2.97	● PFP300.81	500-300-300	16-16-16	l	1.93	FP302.4	80-20-200	150-150-10f		1.71
WP300.7A	850-400-4	16-16-#	b	2.97		PFP300.18	500-450-100	16-16-16	l	2.00	FP302.5A	80-60-250	150-150-10c		2.04
FPS300.75	850-400-4	16-16-#	c	3.00	WP300.85	500-500-100	16-16-16	b	2.40	PWP302.55A	80-60-250	150-150-10c		1.87
FP300.76	850-400-8	16-16-#	c	2.57	● PFP300.87	700-200-100	16-16-16	b	1.89	FP302.7	80-30-300	150-150-10f		1.89
FP300.77	850-400-12	16-16-#	c	2.57	WP300.87	700-200-100	16-16-16	b	1.89	PFP302.75A	90-40-400	150-150-10c		1.93
FP300.78	850-400-12	16-16-#	c	2.74	PFP300.87	700-200-100	16-16-16	b	1.89	FP302.8A	100-80-200	150-150-10f		2.16
WP300.83	1000-400-4	16-16-#	c	2.16	WP300	1000-500-20	16-16-16	f	2.52	FP302.9	80-20-100	150-150-15f		1.68
WP300.88	1000-400-4	16-16-#	c	2.58	WP300.17A	500-200-5	16-16-25	m	1.92	FP306A	40-20-20	150-150-25f		1.38
WP300.9	1000-500-4	16-16-#	f	3.42	WP520A	40-40-40	25-25-25	l	1.29	FP311.1A	40-20-20	150-150-25f		1.50
FPS300.91	1000-500-4	16-16-#	q	2.50	WP300.95	1000-200-200	25-25-25	f	2.96	FP307A	40-20-100	150-150-25f		1.50
PWP300.3A	250-250-50	16-16-16	b	1.87	WP301A	30-30-30	50-50-50	l	1.29	FP304A	40-20-20	150-150-25m		1.62
PWP300.4A	250-250-50	16-16-16	b	2.34	FP312A	100-50-25	150-50-25	b	1.80	FP310A	40-20-20	150-150-25f		1.44
WP300.5	400-100-100	16-16-16	b	1.80	WP302.1A	15-15-1200	150-150-2	c	1.80					
PFP300.65	400-300-100	16-16-16	m	1.81										

*See table of sizes on another page.
#11.5 rms.

Tables continued on next page.

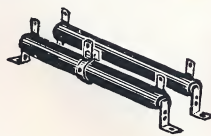
Resistors

TYPE HJ (FIXED) AND AV (ADJUSTABLE)

Vitreous enamel-coated, wire-wound resistors. Furnished with complete hardware except HHJ, 1HJ and 2HJ which have wire leads.

To Order: Use type number followed by resistance value (e.g., HHJ4000).

Tolerance: $\pm 5\%$ except (*), $\pm 10\%$.



FIXED VITREOUS TYPES

5-WATT TYPE HHJ

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
1*	\$0.46	50	\$0.46	750	\$0.50	4500	\$0.50
1.5*	.46	75	.46	800	.50	5000	.50
2*	.46	100	.46	900	.50	6000	.53
3*	.46	125	.46	1000	.50	7000	.53
4*	.46	150	.46	1100	.50	7500	.53
5*	.46	200	.46	1200	.50	8000	.53
7.5*	.46	225	.46	1250	.50	9000	.53
10*	.46	250	.46	1500	.50	10,000	.53
12	.46	300	.46	1750	.50	12,500	.57
15	.46	350	.50	2000	.50	15,000	.57
20	.46	400	.50	2250	.50	20,000	.61
25	.46	450	.50	2500	.50	25,000	.63
30	.46	500	.50	3000	.50		
35	.46	600	.50	3500	.50		
40	.46	700	.50	4000	.50		

10-WATT TYPE 1HJ

1*	\$0.51	150	\$0.51	1500	\$0.53	11,000	\$0.71
2*	.51	200	.51	1750	.53	12,000	.71
3*	.51	225	.51	2000	.53	12,500	.71
4*	.51	250	.51	2250	.53	13,500	.71
5*	.51	300	.51	2500	.53	14,300	.71
7.5*	.51	350	.51	3000	.53	15,000	.71
10*	.51	400	.51	3500	.53	16,000	.71
12	.51	450	.51	4000	.53	17,500	.71
15	.51	500	.51	4500	.53	18,000	.71
20	.51	600	.51	5000	.53	20,000	.71
25	.51	700	.51	6000	.63	22,500	.75
30	.51	750	.51	7000	.63	25,000	.75
35	.51	800	.51	7500	.63	30,000	.75
40	.51	900	.51	8000	.63	35,000	.75
50	.51	1000	.51	8200	.63	40,000	.75
75	.51	1100	.53	8500	.63	45,000	.83
100	.51	1200	.53	9000	.63	50,000	.83
125	.51	1250	.53	10,000	.63		

20-WATT TYPE 2HJ

5	\$0.61	300	\$0.61	2500	\$0.63	12,500	\$0.77
10	.61	400	.61	2750	.75	15,000	.77
15	.61	500	.61	3000	.75	20,000	.77
25	.61	750	.61	3500	.75	25,000	.77
50	.61	1000	.61	4000	.75	30,000	.77
75	.61	1250	.61	4500	.75	35,000	.90
100	.61	1500	.61	5000	.75	40,000	.90
150	.61	1750	.63	6000	.75	50,000	.90
200	.61	2000	.63	7500	.75	75,000	1.31
250	.61	2250	.63	10,000	.75	100,000	1.34

25-WATT TYPE 2.5HJ

1	\$0.65	75	\$0.65	2000	\$0.68	12,500	\$0.81
2	.65	100	.65	2500	.68	15,000	.81
3	.65	150	.65	3000	.78	20,000	.81
5	.65	200	.65	3500	.78	25,000	.81
7.5	.65	250	.65	4000	.78	30,000	.94
10	.65	500	.65	5000	.78	40,000	.94
15	.65	750	.65	6000	.78	50,000	1.09
25	.65	1000	.65	7500	.78	75,000	1.28
50	.65	1500	.65	10,000	.78	100,000	1.47

50-WATT TYPE 5HJ

10	\$0.99	750	\$0.99	7500	\$1.11	30,000	\$1.39
25	.99	1000	.99	10,000	1.11	40,000	1.39
50	.99	1500	1.02	12,500	1.21	50,000	1.55
100	.99	2000	1.02	15,000	1.21	75,000	1.77
250	.99	2500	1.02	20,000	1.21	100,000	1.92
500	.99	5000	1.02	25,000	1.39		

75-WATT TYPE 7.5HJ

10	\$1.17	750	\$1.17	7500	\$1.30	30,000	\$1.57
25	1.17	1000	1.17	10,000	1.30	40,000	1.57
50	1.17	1500	1.22	12,500	1.40	50,000	1.75
100	1.17	2000	1.22	15,000	1.40	75,000	1.99
250	1.17	2500	1.22	20,000	1.40	100,000	2.12
500	1.17	5000	1.22	25,000	1.57		

100-WATT TYPE 10HJ

25	\$1.38	750	\$1.38	7500	\$1.56	40,000	\$1.92
50	1.38	1000	1.38	10,000	1.56	50,000	1.99
100	1.38	1500	1.44	15,000	1.69	75,000	2.20
150	1.38	2000	1.44	20,000	1.69	100,000	2.46
250	1.38	2500	1.44	25,000	1.92		
500	1.38	5000	1.44	30,000	1.92		

160-WATT TYPE 16HJ

25	\$2.05	750	\$2.05	7500	\$2.28	40,000	\$2.52
50	2.05	1000	2.05	10,000	2.28	50,000	2.60
100	2.05	1500	2.09	15,000	2.44	75,000	2.77
150	2.05	2000	2.09	20,000	2.44	100,000	2.93
250	2.05	2500	2.09	25,000	2.52		
500	2.05	5000	2.09	30,000	2.52		

200-WATT TYPE 20HJ (FIXED)

Ohms	Net Each	Ohms	Net Each	Ohms	Net Each	Ohms	Net Each
25	\$2.21	750	\$2.21	5000	\$2.28	50,000	\$2.77
50	2.21	1000	2.21	7500	2.44	75,000	2.93
75	2.21	1500	2.28	10,000	2.44	100,000	3.11
100	2.21	2000	2.28	20,000	2.60		
250	2.21	2500	2.28	30,000	2.68		
500	2.21	3000	2.28	40,000	2.68		

ADJUSTABLE VITREOUS TYPES

10-WATT TYPE 1AV

1	\$1.00	75	\$1.00	750	\$1.00	4000	\$1.06
2	1.00	100	1.00	800	1.00	4500	1.06
3	1.00	150	1.00	1000	1.00	5000	1.06
5	1.00	200	1.00	1250	1.06	6000	1.14
7.5	1.00	250	1.00	1500	1.06	7000	1.14
10	1.00	300	1.00	2000	1.06	7500	1.14
15	1.00	350	1.00	2250	1.06	8000	1.14
20	1.00	400	1.00	2500	1.06	8500	1.14
25	1.00	500	1.00	3000	1.06	9000	1.14
50	1.00	600	1.00	3500	1.06	10,000	1.14

25-WATT TYPE 2AV

1	\$1.57	100	\$1.16	1000	\$1.16	5000	\$1.19
3	1.57	150	1.16	1250	1.19	6000	1.28
5	1.16	200	1.16	1500	1.19	7500	1.28
10	1.16	250	1.16	2000	1.19	10,000	1.28
15	1.16	300	1.16	2500	1.19	12,000	1.32
25	1.16	400	1.16	3000	1.19	15,000	1.32
50	1.16	500	1.16	3500	1.19	20,000	1.32
75	1.16	750	1.16	4000	1.19	25,000	1.45

50-WATT TYPE 5AV

1	\$1.51	150	\$1.51	2000	\$1.54	20,000	\$1.72
2	1.51	200	1.51	2500	1.54	25,000	1.90
5	1.51	250	1.51	3000	1.54	30,000	1.90
10	1.51	400	1.51	4000	1.54	40,000	1.90
25	1.51	500	1.51	5000	1.54	50,000	1.99
50	1.51	750	1.51	7500	1.62		
75	1.51	1000	1.51	10,000	1.62		
100	1.51	1500	1.54	15,000	1.72		

75-WATT TYPE 7.5AV

5	\$1.69	200	\$1.69	2000	\$1.74	15,000	\$1.92
10	1.69	250	1.69	2500	1.74	20,000	1.92
25	1.69	400	1.69	3000	1.74	25,000	2.09
50	1.69	500	1.69	4000	1.74	30,000	2.09
75	1.69	750	1.69	5000	1.74	40,000	2.09
100	1.69	1000	1.69	7500	1.81	50,000	2.27
150	1.69	1500	1.74	10,000	1.81		

100-WATT TYPE 10AV

1	\$1.95	200	\$1.95	2000	\$2.01	20,000	\$2.26
2	1.95	250	1.95	2500	2.01	25,000	2.49
5	1.95	300	1.95	3000	2.01	30,000	2.49
10	1.95	400	1.95	4000	2.01	35,000	2.49
25	1.95	500	1.95	5000	2.01	40,000	2.49
50	1.95	750	1.95	7500	2.13	50,000	2.57
100	1.95	1000	1.95	10,000	2.13	75,000	2.81
150	1.95	1500	2.01	15,000	2.26	100,000	3.61

160-WATT TYPE 16AV

1	\$2.85	200	\$2.85	2500	\$2.88	25,000	\$3.31
2	2.85	250	2.85	3000	2.88	30,000	3.31
5	2.85	300	2.85	4000	2.88	35,000	3.31
10	2.85	400	2.85	5000	2.88	40,000	3.31
25	2.85	500	2.85	7500	3.07	50,000	3.40
50	2.85	750	2.85	10,000	3.07	75,000	3.56
100	2.85	1000	2.85	15,000	3.24	100,000	3.72
150	2.85	2000	2.88	20,000	3.24		

200-WATT TYPE 20AV

1	\$3.19	100	\$3.19	750	\$3.19	20,000	\$3.62
2	3.19	150	3.19	1000	3.19	25,000	3.81
5	3.19	200	3.19	1500	3.26	30,000	3.81
10	3.19	250	3.19	2000	3.26	50,000	3.91
25	3.19	300	3.19	2500	3.26	75,000	4.09
50	3.19	400	3.19	5000	3.26	100,000	4.29
75	3.19	500	3.19	10,000	3.44		

RESISTOR TUBE SIZES

Type	Dia. x L.	Type	Dia. x L.
HHJ	$\frac{5}{16}$ " x 1"	20HJ	$1\frac{1}{8}$ " x $10\frac{1}{2}$ "
1HJ	$\frac{5}{16}$ " x $1\frac{3}{4}$ "	1AV	$\frac{5}{16}$ " x $1\frac{3}{4}$ "
2HJ	$\frac{7}{16}$ " x 2"	2AV	$\frac{9}{16}$ " x 2"
2.5HJ	$\frac{7}{16}$ " x 2"	5AV	$\frac{9}{16}$ " x 4"
5HJ	$\frac{9}{16}$ " x 4"	7.5AV	$\frac{9}{16}$ " x 6"
7.5HJ	$\frac{9}{16}$ " x 6"	10AV	$\frac{3}{4}$ " x $6\frac{1}{2}$ "
10HJ	$\frac{3}{4}$ " x $6\frac{1}{2}$ "	16AV	$1\frac{1}{8}$ " x $8\frac{1}{2}$ "
16HJ	$1\frac{1}{8}$ " x $8\frac{1}{2}$ "	20AV	$1\frac{1}{8}$ " x $10\frac{1}{2}$ "

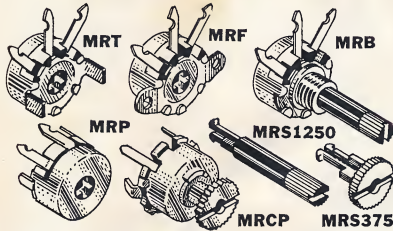
Capacitors

FP-WP AND PFP-PWP—TRIPLES (CONTINUED)

Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each	Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each	Mallory No.	Capacity, μ F	Working Volts DC	*	Net Each
FP314A	40-40-200	150-150-25	m	\$1.68	WP326.8A	4-100-40	350-25-25	f	\$1.35	FP342.5	30-15-40	450-350-25	f	\$1.92
WP308.1A	40-40-250	150-150-25	b	1.89	FP327	40-100-25	350-50-25	f	1.92	FP342.7	30-40-50	450-350-25	e	2.22
FP309A	50-30-100	150-150-25	m	1.62	WP327.2A	20-50-100	350-100-75	f	1.98	FP342.8	80-50-100	450-350-200	i	3.51
FP311A	50-50-20	150-150-25	m	1.59	FP327.3A	60-200-30	350-150-150	f	2.82	FP343.1A	15-20-20	450-350-250	i	1.77
PFP-					FP327.35	10-150-200	350-200-75	f	2.52	FP343.4	20-15-15	450-350-350	d	1.95
311.12A	70-30-20	150-150-25	b	1.63	FP327.4A	125-5-100	350-200-75	g	3.18	FP343.6A	20-40-10	450-350-350	f	2.10
FP311.05	80-20-200	150-150-25	b	1.76	FP327.5A	10-40-40	350-200-200	b	2.58	FP343.9	10-30-150	450-400-5	f	1.80
FP311.1A	80-40-25	150-150-25	b	1.65	FP327.6A	30-20-100	350-250-50	c	1.95	FP344.2	60-80-20	450-400-250	i	3.27
FP311.15A	80-40-300	150-150-25	f	2.22	FP331A	30-30-20	350-300-25	c	1.89	FP344.4	4-40-40	450-400-300	g	2.22
FP311.2A	20-20-20	150-150-150	f	1.38	FP327.8A	30-50-20	350-300-25	f	2.16	FP344.5	10-30-40	450-400-300	g	2.19
PFP311.3	30-25-20	150-150-150	b	1.52	WP327.89A	40-40-40	350-300-300	f	2.61	FP345.2	10-10-20	450-450-25	g	1.44
PFP-					WP327.89B	160-120-30	350-300-300	i	3.99	FP345.5	15-15-40	450-450-25	c	1.65
311.63A	30-50-40	150-150-150	b	1.67	PWP-					FP345.8	20-20-20	450-450-25	e	1.83
FP311.4A	40-20-20	150-150-150	b	1.44	327.95	20-20-1000	350-350-15	g	2.57	FP345.3	40-20-20	450-450-25	g	2.10
FP311.5A	40-40-40	150-150-150	m	1.56	FP328A	15-10-20	350-350-25	m	1.50	FP346	40-40-20	450-450-25	h	2.37
PFP311.51	40-60-40	150-150-150	b	1.70	FP329.1A	20-4-100	350-350-25	m	1.56	FP345.4	80-10-125	450-450-25	h	2.64
FP311.55A	50-20-20	150-150-150	m	1.53	FP329.5	20-20-20	350-350-25	b	1.68	FP346A	80-40-100	450-450-25	j	3.06
PFP311.62	50-30-20	150-150-150	b	1.59	FP330A	30-20-20	350-350-25	c	1.86	FP365A	10-10-40	450-450-50	j	1.47
FP311.6A	50-40-10	150-150-150	m	1.53	FP330.13A	200-10-50	350-350-25	j	3.06	FP366A	20-10-50	450-450-50	i	1.71
FP311.65A	50-50-50	150-150-150	b	1.80	FP330.15A	10-5-30	350-350-50	l	1.32	FP366.5A	30-10-150	450-450-50	e	2.10
PFP311.53	60-60-40	150-150-150	f	2.03	FP330.2A	10-5-150	350-350-50	m	1.62	FP367A	35-25-100	450-450-50	g	2.37
FP326.45	60-60-60	150-150-150	c	1.79	FP330.21A	20-5-150	350-350-50	b	1.77	FP367.5	40-30-25	450-450-50	j	2.25
FP311.66A	70-15-15	150-150-150	m	1.62	FP330.23A	80-40-400	350-350-50	h	3.39	FP368A	60-40-75	450-450-50	j	2.76
FP311.8A	70-40-40	150-150-150	b	1.74	FP330.22A	100-20-50	350-350-50	g	2.91	FP368.3A	80-20-100	450-450-50	j	2.88
FP311.67A	80-30-10	150-150-150	m	1.65	FP330.24A	150-4-30	350-350-50	g	2.90	FP368.5	80-50-50	450-450-50	j	3.12
FP311.7	80-40-20	150-150-150	f	1.74	● FP330.246	150-5-100	350-350-50	j	3.04	FP368.6A	30-30-125	450-450-75	g	2.70
FP311.71	80-40-20	150-150-150	b	1.67	FP330.25A	30-20-100	350-350-150	f	2.40	FP368.68A	10-4-20	450-450-150	m	1.50
PWP-					FP330.248A	70-40-50	350-350-150	g	2.64	PFP368.9	40-30-8	450-450-150	g	2.51
311.75A	80-60-20	150-150-150	c	1.78	FP330.24	125-20-20	350-350-150	h	2.85	FP369.1	40-40-40	450-450-150	h	2.49
FP311.84	120-80-20	150-150-150	c	1.90	FP330.29A	30-5-100	350-350-200	f	2.25	FP370A	40-10-80	450-450-200	j	2.34
FP311.85A	120-80-40	150-150-150	f	2.22	FP330.26A	100-60-20	350-350-200	h	3.30	FP375A	40-40-100	450-450-200	j	2.97
FP311.9A	120-120-40	150-150-150	f	2.43	FP330.27A	125-60-40	350-350-200	j	3.54	FP375.2A	15-10-120	450-450-300	h	2.70
FP311.95A	150-50-50	150-150-150	f	2.22	FP330.28A	100-60-100	350-350-200	j	3.36	FP375.6A	60-20-40	450-450-350	j	2.94
FP312.5A	200-100-60	150-150-150	g	2.73	FP330.3A	20-10-5	350-350-250	m	1.53	FP375.7	20-10-15	450-450-400	d	1.86
FP312.6A	300-100-80	150-150-150	g	2.97	PFP330.3A	10-10-60	350-350-300	f	2.15	FP375.8	10-10-10	450-450-450	c	1.56
PWP315	80-100-40	160-160-160	d	1.42	FP330.5A	10-10-10	350-350-350	m	1.44	FP376.1	15-15-10	450-450-450	d	1.77
FP312.8A	60-200-140	200-150-150	g	2.85	PFP330.6A	20-20-20	350-350-350	c	1.84	FP376.3	20-10-10	450-450-450	d	1.74
FP314.7	150-150-60	200-150-150	e	2.49	FP330.7A	30-20-10	350-350-350	c	1.95	FP376.5	20-20-20	450-450-450	g	2.16
FP315.1	60-5-200	200-200-50	d	1.80	PFP330.8A	40-40-40	350-350-350	g	2.64	FP376.6	30-10-10	450-450-450	f	1.89
FP318.3A	30-20-40	200-200-150	m	1.62	FP330.9A	60-50-50	350-350-350	h	2.94	FP376.7	30-30-30	450-450-450	h	2.67
FP318.5A	20-20-20	200-200-200	l	1.50	FP331.2	80-20-20	350-350-350	g	2.57	FP376.8	40-40-10	450-450-450	h	2.49
FP318.7A	30-20-20	200-200-200	m	1.62	FP331.3A	80-60-60	350-350-350	j	3.33	FP376.9	40-40-20	450-450-450	h	2.67
FP318.7A	40-40-20	200-200-200	f	1.77	FP331.6A	90-40-20	350-350-350	g	3.15	FP377.1	40-40-40	450-450-450	j	3.12
WP318.77	60-60-40	200-200-200	f	2.16	WP331.7A	100-40-5	350-350-350	g	2.82	FP377.2A	50-40-30	450-450-450	j	2.94
FP318.8A	250-200-10	200-200-200	h	4.02	FP331.76A	100-40-40	350-350-350	h	3.15	FP377.4A	60-10-10	450-450-450	g	2.34
● FP318.85	250-200-50	200-200-200	j	3.56	FP331.8A	100-60-40	350-350-350	j	3.39	FP377.6	60-30-10	450-450-450	h	2.70
FP319A	80-40-50	250-150-50	f	1.98	FP332.4A	100-100-10	350-350-350	j	4.08	FP377.7	60-40-40	450-450-450	i	3.41
WP319.6A	60-5-100	250-250-50	f	1.80	WP332.44	140-140-20	350-350-350	j	4.16	FP378	80-40-20	450-450-450	i	3.24
FP319.5A	90-90-20	250-250-50	f	2.76	FP332.5A	40-200-60	400-200-200	j	3.33	FP378.1	80-40-30	450-450-450	i	3.53
WP319.7	60-5-60	250-250-200	f	2.13	FP332.7A	10-4-40	400-200-25	l	1.32	FP378.4	80-40-40	450-450-450	i	3.66
FP319.8A	20-20-20	250-250-250	m	1.56	FP333	10-50-30	400-350-25	f	1.86	FP379.1A	20-50-20	475-50-25	c	1.65
FP320	40-20-20	250-250-250	f	1.74	FP333.05	100-10-200	400-350-25	h	2.99	FP381.1A	80-80-50	475-150-50	f	2.91
FP321A	40-20-20	250-250-250	b	1.74	● FP333.08	10-4-4	400-350-150	b	1.43	FP382.1A	40-40-100	475-250-100	f	2.46
FP321.5	40-40-40	250-250-250	c	1.92	FP333.1	40-4-4	400-350-150	d	1.71	FP384	20-20-40	475-300-25	f	1.86
FP323A	80-80-60	250-250-250	f	2.94	PFP333.16	40-30-20	400-350-300	g	2.44	FP384.12	30-100-50	475-300-50	h	2.46
FP326A	100-60-20	300-150-25	f	2.52	FP333.2A	80-40-100	400-400-60	j	3.00	FP384.14A	5-100-200	475-300-150	j	3.09
PWP-					FP333.3A	80-40-150	400-400-60	j	3.09	FP384.16	10-4-100	475-350-50	b	2.37
326.16A	10-20-10	300-150-150	l	1.47	FP333.15	100-20-20	400-400-60	h	2.88	FP384.2	10-4-40	475-350-300	f	1.80
FP326.2A	20-150-80	300-150-150	f	2.37	FP333.5A	20-10-40	400-400-350	k	2.04	FP384.35	20-10-5	475-350-350	c	1.71
FP326.3A	100-200-60	300-150-150	h	3.27	FP333.6	20-20-10	400-400-350	d	1.80	FP384.5	10-45-100	475-450-50	g	2.19
WP326.35A	20-100-100	300-200-50	d	1.95	FP333.7	60-30-20	400-400-350	h	2.73	FP384.7	40-40-25	475-450-50	h	2.64
● FP326.61	80-200-10	300-200-300	h	2.97	FP333.8	80-20-10	400-400-350	h	2.58	FP385A	10-40-100	475-450-200	g	2.52
FP326.6A	60-30-30	300-250-250	f	2.25	FP333.85	100-10-80	400-400-350	i	3.66	FP385.5	40-80-10	475-450-450	i	3.30
FP335A	100-60-20	300-250-250	g	2.94	FP333.86	100-40-100	400-400-350	i	4.04	FP386	10-10-5	475-475-25	c	1.47
FP336A	200-60-20	300-250-250	h	3.48	FP333.88	50-30-4	400-400-400	g	2.31	FP387.1	10-10-150	475-475-50	d	1.80
PFP326.4	60-10-25	300-300-25	f	2.07	FP333.89	80-60-40	400-400-400	j	3.63	FP388.1	25-10-20	475-475-50	d	1.77
FP326.5A	150-10-25	300-300-50	g	1.62	FP333.9	90-10-5	400-400-400	h	2.64	FP389.1A	20-10-100	475-475-400	j	3.15
FP326.5A	20-20-50	300-300-50	c	1.62	FP333.95	100-30-20	400-400-400	i	3.30	FP391.1A	20-20-60	475-475-450	j	2.91
FP326.6A	100-10-60	300-300-50	f	2.43	WP334.6A	20-500-500	450-25-25	g	3.21	FP394	10-10-10	475-475-475	d	1.62
FP326.7A	140-100-60	300-300-50	h	3.57	FP342	40-40-130	450-150-50	g	2.22	FP396	30-30-20	475-475-475	h	2.67
WP326.71A	140-100-100	300-300-50	h	3.36	FP343A	40-100-50	450-150-50	g	2.37	FP396.2	40-10-10	475-475-475	g	2.31
FP326.74A	140-10-200	300-300-150	h	3.30	WP339.5A	10-50-100	450-150-75	c	1.95	FP396.1	40-20-20	475-475-475	h	2.85
WP326.63A														

Wire-wound Controls

3-WATT TYPE MR WIRE-WOUND CONTROLS



Only $\frac{3}{4}$ " diameter, MR controls are used for applications in AGC, convergence, hum-balance, etc. Case is fully enclosed: MR, all metal; MRC, metal mounting plate with molded nylon body and knob. Types MR and MRC directly replace older FL and PFL types as shown in cross-reference. Five mounting configurations available. Conversion from cross-slot adjustment to shaft may be made using plug-in shafts listed. **Wattage Rating at 40° C:** MR, 3 watts; MRC, $1\frac{1}{2}$ watts. **Rotation:** 250° mechanical; 248° electrical. **Resistance Tolerance:** MR, $\pm 20\%$; MRC, $\pm 10\%$. **Voltage Breakdown:** MR, 900 VAC rms; MRC has grounded contact arm.

MR-B 3-WATT BUSHING MOUNT

Bushing $\frac{3}{8}$ "-32 x $\frac{1}{4}$ ". Shaft $\frac{1}{4}$ " dia. x $1\frac{1}{4}$ " lg. FMS knurled and slotted nylon. With nut.

Mallory No.	Res. Ω	Net Each	Mallory No.	Res. Ω	Net Each
MR10B	10	\$0.93	MR1000B	1000	\$0.93
MR50B	50	.93	MR2500B	2500	.93
MR100B	100	.93	MR5000B	5000	.93
MR250B	250	.93	MR10KB	10K	1.08
MR500B	500	.93	MR15KB	15K	1.08

MR-T 3-WATT TAB MOUNT

Furnished with twist-tabs for mounting on PC board or chassis. Cross-slot adjustment.

Mallory No.	Res. Ω	Net Each	Mallory No.	Res. Ω	Net Each
MR10T	10	\$0.66	MR2500T	2500	\$0.70
MR50T	50	.66	MR3000T	3000	.70
MR100T	100	.66	MR4000T	4000	.70
MR250T	250	.66	MR5000T	5000	.76
MR500T	500	.66	MR8000T	8000	.76
MR850T	850	.66	MR10KT	10K	.83
MR1000T	1000	.66	MR15KT	15K	.93

MR-F 3-WATT FLANGE MOUNT

Mounting ears with .130" dia. holes on 1" center. Cross-slot adjustment, front and rear.

Mallory No.	Res. Ω	Net Each	Mallory No.	Res. Ω	Net Each
MR6F	6	\$0.66	MR600F	600	\$0.66
MR15F	15	.66	MR750F	750	.66
MR30F	30	.66	MR1000F	1000	.66
MR75F	75	.66	MR1500F	1500	.66
MR100F	100	.66	MR2000F	2000	.66
MR150F	150	.66	MR2500F	2500	.66
MR200F	200	.66	MR3000F	3000	.66
MR250F	250	.66	MR4000F	4000	.66
MR500F	500	.66	MR5000F	5000	.66

MR-P 3-WATT PC MOUNT

Printed circuit board mounting with cross-slot adjustment, front and rear.

Mallory No.	Res. Ω	Net Each	Mallory No.	Res. Ω	Net Each
MR15P	15	\$0.66	MR1000P	1000	\$0.66
MR100P	100	.66	MR1500P	1500	.66
MR175SP	175*	.66	MR3000P	3000	.66
MR260SP	260†	.66	MR4000P	4000	.66
MR600P	600	.66	MR5000P	5000	.66

*Stop at 60 ohms. †Stop at 100 ohms.

MRC-P 1½-WATT PC MOUNT

Convergence controls with printed circuit board mounting and permanent knob.

Mallory No.	Res. Ω	Net Each	Mallory No.	Res. Ω	Net Each
MRC10P	10	\$0.66	MRC100P	100	\$0.66
MRC30P	30	.66	MRC120P	120	.66
MRC60P	60	.66	MRC150P	150	.66

SHAFTS FOR MR CONTROLS

Mallory No. MRS1250— $\frac{1}{4}$ " dia. x $1\frac{1}{4}$ " FMS knurled and slotted nylon. Plugs into either end of MR control. Net Ea... 12c

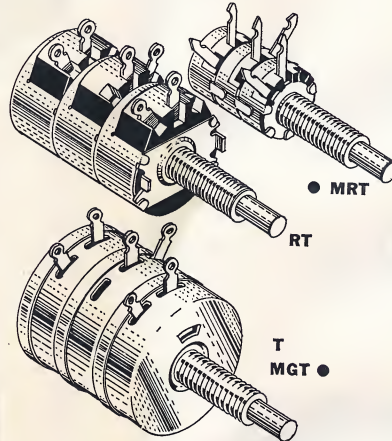
Mallory No. MRS375— $\frac{1}{4}$ " dia. knurled nylon knob/shaft with slot. Projects $\frac{3}{8}$ " FMS. For MR-F, P or T controls. Net Each... 12c

CROSS-REFERENCE FL AND PFL TO MR CONTROLS

FL and PFL Types	MR Type
FL and PFL_P	MR_F
PFL	MR_P
PFL_A and PFL_PA	MRC_P

AUDIO ATTENUATORS

Mallory audio attenuators are available in three wattage ratings: 10 watts, MR, R and RR; 15 watts, T, L, LL and BAL; and 50 watts, MGL and MGT. All are made to critical audio standards; come complete with mounting hardware. Three case diameters: $\frac{3}{4}$ ", MR; $1\frac{1}{4}$ ", R; and $1\frac{1}{2}$ " for T, L, LL, BAL, MGL and MGT.



Present constant impedance to both source (amplifier) and output (speaker).

T PAD STOCK VALUES

Imped., Ohms	Mallory No. for 10 W	Mallory No. for 15 W	Mallory No. for 50 W
2	MRT4	RT4	T2
4			T4
6			T6
8	MRT8	RT8	T8
15-16	MRT16	RT16	T15
50	MRT50	RT50	T50
100			T100
200			T200
250			T250
500			T500
600			T600
1000			T1000
2000			T2000
3000			T3000

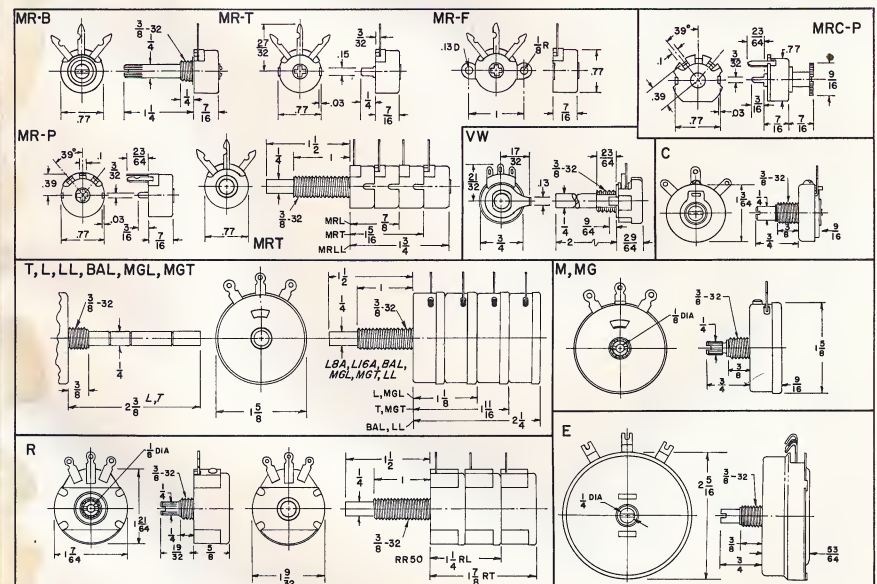
T PAD NET PRICES

Type	Bushing	Shaft (FMS)	Net Each
MRT	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	\$3.33
RT	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	3.33
T	$\frac{3}{8}$ "-32 x $\frac{3}{8}$ "	$\frac{1}{4}$ " x 2"	3.54
MGT	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	6.48

STEREO LEVEL CONTROL

Level control for low-priced 4- and 8-ohm stereo speakers. Rated 10 watts, audio. Supplied with nuts, washers, dial and knob. Bushing $\frac{3}{8}$ "-32 x 1". Shaft $\frac{1}{4}$ " dia. x $1\frac{1}{2}$ " lg.

Mallory No. RR50—Net Each... \$2.10



L PAD ATTENUATORS

Present constant impedance to source (amplifier), used in audio circuits where output (speaker) impedance is not critical.

L PAD STOCK VALUES

Imped., Ohms	Mallory No. for 10 W	Mallory No. for 15 W	Mallory No. for 50 W
2			L2
4	MRL4	RL4	L4
6			L6
8			L8
15	MRL8	RL8	L8A
16			L15
50	MRL16	RL16	L16A
100	MRL50	RL50	L50
200			L100
250			L200
500			L250
600			L500
1000			L600
2000			L1000
3000			L2000
4000			L3000
			L4000

L PAD NET PRICES

With nut, washer, knob and dial.

Type	Bushing	Shaft (FMS)	Net Each
MRL	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	\$2.52
RL	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	2.52
L	$\frac{3}{8}$ "-32 x $\frac{3}{8}$ "	$\frac{1}{4}$ " x 2"	2.73
L-A	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	2.85
MGL	$\frac{3}{8}$ "-32 x 1"	$\frac{1}{4}$ " x $1\frac{1}{2}$ "	4.26

LL PAD ATTENUATORS

Two L pads in tandem for stereo level control. Bushing $\frac{3}{8}$ "-32 x 1". Shaft $\frac{1}{4}$ " dia. x $1\frac{1}{2}$ " lg. With nuts, washers and deluxe "Level" dial supplied.

Mallory No.	Imped., Ohms	Audio Watts	Net Each
MRL4	4	10	\$5.40
MRL8	8	10	5.40
MRL16	16	10	5.40
MRL50	50	10	5.40
LL8	8	15	5.70
LL16	16	15	5.70
LL50	50	15	5.70

STEREO BALANCE ATTENUATOR

Back-to-back tandem L pads for true stereo balancing. Rated 15 watts, audio. Comes with nuts, washers, knob and "Balance" dial. Bushing $\frac{3}{8}$ "-32 x 1". Shaft $\frac{1}{4}$ " dia. x $1\frac{1}{2}$ " lg.

Mallory No. BAL8 (8 ohms) or BAL16 (16 ohms)—Net Each... \$5.70

THEATRE SPEAKER CONTROLS

Engineered for outdoor movie speakers. Rated 8 watts, audio. Bushing $\frac{3}{8}$ "-32 x $\frac{3}{8}$ ". Shaft $\frac{1}{4}$ " dia. x $\frac{3}{4}$ " lg. With nut.

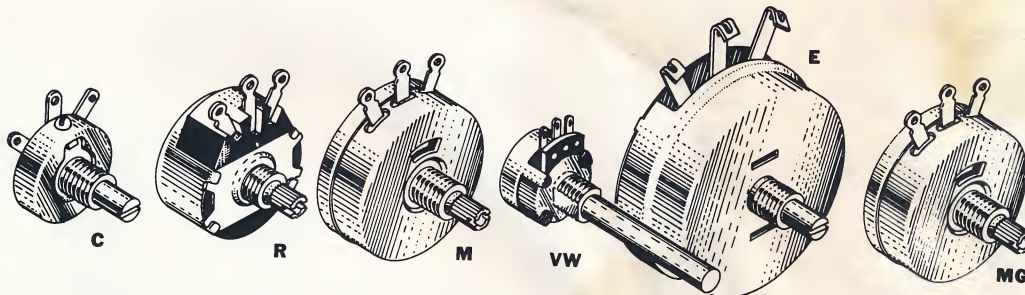
Mallory No.	Description	Net Each
TSA6	6-ohm pot	\$1.14
TSA10	4-ohm L pad	1.35
TSA35	35-ohm pot	1.35

Capacitors

FP-WP AND PFP-PWP—QUADS (CONTINUED)

Mallory No.	Capacity, μ F	WVDC	*	Net Each	Mallory No.	Capacity, μ F	WVDC	*	Net Each
FP417.2A	20-150-150-100	300-150-150-30	g	\$3.09	FP413X	40-40-40-20	450-300-300-150	h	\$2.94
FP417.3A	10-200-140-30	300-150-150-150	g	3.06	FP422.9	10-100-20-20	450-300-300-300	h	3.15
FP417.8A	10-200-200-30	300-150-150-150	h	3.21	FP423.4	10-40-100-100	450-350-250-50	h	3.33
FP417.9A	100-60-10-20	300-200-150-50	g	2.91	WP423.5	10-140-100-20	450-350-300-300	h	3.87
FP419A	200-20-100-20	300-250-50-25	h	3.48	FP424.1	10-100-10-20	450-350-350-25	h	3.12
FP423	40-40-40-40	300-250-250-25	g	2.64	FP424.3A	20-80-50-100	450-350-350-50	j	3.60
FP419.11	60-5-50-20	300-300-50-50	f	2.16	FP425	30-40-40-10	450-350-350-200	h	3.09
FP418.7A	140-10-10-100	300-300-150-50	g	2.97	FP425.6	40-100-20-10	450-350-350-350	i	3.84
FP419.4A	100-10-200-30	300-300-150-150	h	3.54	FP425.1A	80-10-40-30	450-400-300-300	j	3.48
FP419.1A	150-20-10-250	300-300-250-50	h	3.63	FP426	20-15-20-20	450-450-25-25	f	2.07
FP419.2A	40-30-20-50	300-300-300-25	f	2.49	FP426.2	80-40-100-100	450-450-25-25	i	3.48
FP419.7A	60-40-20-50	300-300-300-25	f	2.73	FP426.5	20-20-60-100	450-450-150-25	g	2.55
FP419.35A	60-30-10-60	300-300-300-50	f	2.52	FP426.9A	40-40-125-125	450-450-150-25	j	3.42
FP419.37A	150-30-30-150	300-300-300-50	h	3.66	FP427.5A	10-10-60-100	450-450-200-50	f	2.31
PFP419.42A	20-20-20-100	300-300-300-150	f	2.41	FP427.6A	35-25-20-100	450-450-200-50	g	2.79
FP419.39A	80-20-20-200	300-300-300-150	h	3.12	FP427.65A	40-40-100-60	450-450-200-200	j	3.63
FP419.45	120-40-40-10	300-300-300-250	f	3.63	FP427.67	80-50-20-50	450-450-250-50	i	3.58
FP419.53A	60-40-10-10	300-300-300-300	f	2.73	● PFP427.69	30-20-160-40	450-450-250-150	i	3.39
FP419.55A	150-100-10-10	300-300-300-300	g	3.96	FP427.7	10-10-10-50	450-450-300-25	f	1.89
WP419.554	150-100-30-10	300-300-300-300	j	3.69	FP427.9A	20-20-20-10	450-450-350-350	g	2.49
WP419.52	150-150-30-30	300-300-300-300	i	4.17	FP428	40-10-35-10	450-450-350-350	h	2.76
FP419.54A	200-20-20-20	300-300-300-300	j	3.87	FP428.4A	40-40-30-30	450-450-350-350	j	3.54
FP419.56	60-60-30-160	350-150-150-25	h	2.76	FP424	15-15-10-20	450-450-450-25	f	2.10
FP419.58	20-60-160-40	350-200-25-25	g	2.40	FP428.9	30-30-10-125	450-450-450-25	h	2.58
FP414	15-80-40-200	350-200-200-25	h	2.70	FP432A	40-10-10-250	450-450-450-25	g	2.82
FP418.3	120-20-100-20	350-250-50-25	i	3.03	FP431	40-15-10-25	450-450-450-25	g	2.46
WP419.585A	50-60-5-100	350-250-250-50	f	2.58	FP430.2	40-20-20-25	450-450-450-25	h	2.76
FP419.59A	160-30-30-20	350-300-300-50	j	3.54	FP436	40-20-20-40	450-450-450-25	h	2.79
FP419.51	40-80-10-10	350-300-300-300	g	2.72	FP429	40-30-10-20	450-450-450-25	h	2.70
FP419.514	140-100-20-20	350-300-300-300	n	3.88	FP429.2	40-40-30-100	450-450-450-25	j	3.21
FP419.65A	160-60-10-4	350-300-300-300	j	3.84	FP430.6A	40-40-40-40	450-450-450-25	j	3.30
FP419.6	40-10-100-25	350-350-25-25	f	2.25	FP430.9	60-40-40-10	450-450-450-25	i	3.60
FP419.62A	60-4-100-40	350-350-25-25	f	2.28	FP430.95A	60-50-5-20	450-450-450-25	j	3.21
FP419.61	100-4-50-50	350-350-50-25	h	3.03	FP437	20-20-20-20	450-450-450-50	g	2.49
FP419.63A	200-10-4-20	350-350-50-25	j	3.36	FP431.2	40-40-10-25	450-450-450-50	g	2.73
FP419.635	40-40-50-50	350-350-50-50	h	2.52	FP431.3A	40-40-10-50	450-450-450-50	h	2.82
FP419.64	40-20-50-25	350-350-150-25	g	2.49	FP431.35	40-40-20-40	450-450-450-50	h	2.13
FP419.649A	40-20-100-100	350-350-200-50	f	2.70	FP431.4A	60-40-10-25	450-450-450-50	j	3.03
FP419.67A	100-60-60-40	350-350-200-75	j	3.93	FP431.7A	40-40-10-100	450-450-450-100	j	3.15
FP419.661	100-60-10-100	350-350-200-150	i	3.43	FP433	60-10-10-20	450-450-450-150	h	3.18
FP419.66A	60-40-60-20	350-350-250-150	g	3.24	FP432.4A	40-40-30-10	450-450-450-200	j	2.76
FP419.68	15-15-15-15	350-350-300-25	f	2.07	FP432.8	35-35-15-25	450-450-450-250	h	3.21
FP419.8	35-35-10-20	350-350-300-25	g	2.49	FP432.9A	40-20-10-100	450-450-450-250	j	2.91
FP419.82	20-10-5-10	350-350-350-25	f	1.86	FP450.2	80-50-10-20	450-450-450-300	i	3.51
FP419.84	30-10-5-200	350-350-350-25	f	2.28	FP433.2	40-10-10-40	450-450-450-350	h	3.67
FP419.86A	40-20-5-10	350-350-350-25	f	2.28	FP433.4	40-20-20-20	450-450-450-350	h	2.85
FP419.87	40-20-20-50	350-350-350-25	g	2.55	WP433.6	5-5-5-5	450-450-450-450	f	3.00
FP419.88A	40-30-15-30	350-350-350-25	f	2.70	FP434	10-10-10-10	450-450-450-450	f	1.80
FP419.3A	40-40-20-20	350-350-350-25	g	2.79	FP434.5	20-10-10-10	450-450-450-450	f	2.01
● FP419.895	10-150-100-100	350-350-350-50	i	4.08	FP444	20-20-20-20	450-450-450-450	f	2.22
FP419.9	15-15-15-50	350-350-350-50	f	2.25	FP444.4A	30-15-15-15	450-450-450-450	g	2.82
PFP420.17A	40-20-10-100	350-350-350-50	f	2.45	FP444.5	30-20-20-10	450-450-450-450	g	2.67
FP420.15A	70-40-10-50	350-350-350-50	g	3.15	FP444.6	30-30-15-10	450-450-450-450	h	2.76
FP420.2A	50-40-40-160	350-350-350-50	h	3.45	FP444.8	30-30-20-20	450-450-450-450	h	2.82
FP420.23A	100-10-10-20	350-350-350-50	g	3.09	FP444.9	30-30-30-15	450-450-450-450	h	3.12
FP419.89	100-30-10-40	350-350-350-50	h	2.94	FP444.54	40-20-20-40	450-450-450-450	i	3.18
WP420.25A	100-40-4-100	350-350-350-50	h	3.09	FP444.95	40-20-20-20	450-450-450-450	h	2.79
FP420.26A	100-40-30-50	350-350-350-50	h	3.93	FP445	35-35-10-5	450-450-450-450	h	3.06
FP420.273	100-100-60-100	350-350-350-50	i	4.08	FP446	40-35-10-10	450-450-450-450	h	2.76
FP420.276	120-20-10-50	350-350-350-50	h	3.00	FP447A	40-40-20-20	450-450-450-450	j	3.88
FP420.28A	140-20-10-100	350-350-350-50	h	3.63	FP447.5	40-40-30-30	450-450-450-450	i	3.33
FP420.29A	90-30-5-100	350-350-350-75	h	3.54	WP447.7	40-40-40-40	450-450-450-450	i	3.63
FP420.31A	100-80-10-20	350-350-350-150	j	3.42	FP448A	60-20-20-20	450-450-450-450	j	3.78
FP420.32A	20-10-5-60	350-350-350-200	f	2.13	FP448.5	60-30-10-2	450-450-450-450	h	3.39
FP420.33A	30-10-5-100	350-350-350-300	f	2.64	FP449	70-10-10-5	450-450-450-450	j	3.06
FP420.34	40-40-40-40	350-350-350-300	h	3.00	FP450A	80-10-10-10	450-450-450-450	h	2.85
FP420.35A	40-20-20-10	350-350-350-350	f	2.61	FP450.08	80-40-20-10	450-450-450-450	j	3.03
FP420.36A	40-40-30-20	350-350-350-350	g	2.82	FP450.16	80-40-20-20	450-450-450-450	i	3.66
FP420.38A	40-40-40-40	350-350-350-350	h	3.60	FP450.5	80-40-50-80	450-450-450-450	i	3.79
FP420.4A	80-60-40-20	350-350-350-350	j	3.84	FP451A	10-100-10-100	475-250-150-50	h	3.00
FP420.405A	100-20-10-5	350-350-350-350	g	2.85	FP451.3A	10-140-4-100	475-300-300-25	g	2.94
FP420.39A	100-40-25-25	350-350-350-350	j	4.20	FP452	20-80-20-10	475-300-300-50	j	3.18
● FP420.407	80-80-4-100	400-200-150-50	j	3.04	FP452.5	10-20-100-50	475-300-300-300	h	3.00
FP420.41A	40-120-10-150	400-250-250-50	j	3.48	FP453A	20-40-80-100	475-350-25-25	f	2.07
FP420.44A	30-40-50-200	400-300-250-150	j	3.60	FP453.4A	10-40-80-100	475-350-200-100	h	3.27
FP420.43	80-80-100-100	400-350-25-25	i	3.78	FP453.8A	10-30-5-80	475-350-300-100	h	3.38
FP420.438	10-4-4-20	400-350-150-25	f	2.26	FP454.4A	10-130-20-10	475-350-350-50	f	2.22
● PFP420.439	40-100-5-100	400-350-150-50	j	3.18	FP454.2	20-60-40-10	475-350-350-350	j	3.54
FP420.45A	40-80-100-25	400-350-200-50	j	3.63	FP454.6	10-40-4-100	475-350-350-350	h	3.12
FP420.46A	80-40-20-20	400-350-300-300	j	3.48	FP455.5A	10-40-4-100	475-400-400-50	g	2.43
FP420.47	20-50-40-80	400-350-350-50	h	3.00	FP456	25-20-20-100	475-400-400-50	j	3.48
FP420.5A	30-60-20-100	400-350-350-50	j	3.00	FP456.5A	10-60-30-125	475-450-300-50	g	2.73
PFP420.52	40-30-20-20	400-350-350-350	h	2.80	FP457	10-50-30-30	475-450-300-50	j	2.97
FP420.51	20-20-50-50	400-400-15-15	f	2.04	FP459	10-40-10-20	475-450-450-50	h	3.33
FP420.53	20-5-20-20	400-400-25-25	f	1.83	FP460	10-40-10-100	475-450-450-50	h	2.85
FP420.54	80-50-25-25	400-400-25-25	h	3.21	FP461A	80-4-4-4	475-450-450-50	g	2.37
FP420.56A	50-25-100-20	400-400-50-25	g	2.79	FP461A	15-15-80-40	475-450-450-50	j	2.58
FP420.6A	80-40-100-20	400-400-50-25	j	3.36	FP463A	50-30-20-20	475-450-450-50	j	3.09
FP420.7	100-10-30-20	400-400-50-50	h	3.06	FP464.9	40-10-4-40	475-475-300-50	g	2.88
FP420.8	20-10-10-25	400-400-100-25	f	1.86	FP467	20-10-20-100	475-475-300-300	j	3.42
WP420.9A	20-20-100-100	400-400-100-100	g	3.15	FP474	10-10-10-10	475-475-350-300	h	2.97
FP420.95	80-40-100-100	400-400-200-50	i	3.63	FP474.5	20-20-10-10	475-475-450-25	f	2.52
FP420.97	80-40-40-100	400-400-300-50	j	3.48	FP475	20-20-20-20	475-475-475-475	f	2.10
FP421	5-5-50-80	400-400-300-250	h	2.79	FP475.5	40-10-10-10	475-475-475-4		

Wire-wound Controls



2 WATT TYPE C

Rated 2 watts at 40° C. 1 1/4" diameter. Mech. Rotation: 280°. Elec. Rotation: 255°. Resis. Tolerance: ±10%. Contact arm grounded. Bushing: 3/8"-32 x 3/4". Shaft: 1/4" dia. x 3/4" FMS with screwdriver slot. Furn. with nut.

POTENTIOMETERS

Mallory No.	Ohms Resis.	Carrying Capacity In Amps	Net Each
C6P	6	.58	\$1.08
C10P	10	.45	1.08
C15P	15	.37	1.08
C20P	20	.32	1.08
C30P	30	.26	1.08
C40P	40	.22	1.08
C50P	50	.2	1.08
C100P	100	.14	1.08
C200P	200	.1	1.08
C400P	400	.07	1.08
C1MP	1K	.045	1.20
C3MP	3K	.025	1.20
C5MP	5K	.02	1.47
C6MP	6K	.018	1.47
C10MP	10K	.014	1.47
C15MP	15K	.011	1.47

RHEOSTATS*

Mallory No.	Ohms Resis.	Carrying Capacity In Amps	Net Each
C6R	6	.58	93c
C10R	10	.45	93c
C15R	15	.37	93c
C20R	20	.32	93c
C30R	30	.26	93c
C40R	40	.22	93c
C50R	50	.2	93c
C100R	100	.14	93c

*"Open" or "off" position counter-clockwise.

3 WATT TYPE R

Standard TV wire-wound control rated 3 watts at 40° C. 1 1/4" diameter. Mech. Rotation: 297°. Elec. Rotation: 290°. Voltage Breakdown: 900 VAC rms. Bushing: 3/8"-32 x 3/4". Shaft: 1/4" dia. x 1 1/2" FMS, knurled with screwdriver slot. Furn. with nut. See listing below for switches for R controls.

Mallory No.	Ohms Resis.	Net Each	Mallory No.	Ohms Resis.	Net Each
R2L	2	\$0.93	R50CT†	50	\$1.32
R3L	3	.93	R100L	100	.93
R5L	5	.93	R250L	250	.93
R6L	6	.93	R500L	500	.93
R8L	8	.93	R750L	750	.93
R10L	10	.93	R1000L	1000	.93
R10CT†	10	1.32	R1500L	1500	.93
R15L	15	.93	R2500L	2500	.93
R20L	20	.93	R3000L	3000	.93
R20CT†	20	1.32	R5000L	5000	.93
R25L	25	.93	R7500L	7500	1.08
R30L	30	.93	R10ML	10000	1.08
R30CT†	30	1.32	R15ML	15000	1.08
R50L	50	.93	R20ML	20000	1.08

†Center-tapped Controls.

SWITCHES FOR TYPE R POTS

Mall. No.	Description	Net
US30	Single Pole, Single Throw	42c
US32	Double Pole, Single Throw	54c

4 WATT TYPE M

Rated 4 watts at 40° C. 1 5/8" diameter. Mech. Rotation: 294°. Elec. Rotation: 275°. Resis. Tolerance: ±10%. Voltage Breakdown: 900 VAC rms. Bushing: 3/8"-32 x 3/4" FMS. Shaft: 1/4" dia. x 3/4" FMS, knurled with screwdriver slot. Furn. with nut.

POTENTIOMETERS

Mallory Number	Ohms Resis.	Capacity In Amps	Net Each
M1PK	1	2.00	\$1.35
M3PK	3	1.15	1.35
M6PK	6	.82	1.35
M10PK	10	.63	1.35
M15PK	15	.52	1.35
M20PK	20	.45	1.35
M25PK	25	.40	1.35
M30PK	30	.37	1.35
M40PK	40	.32	1.35
M50PK	50	.28	1.35
M60PK	60	.26	1.35
M75PK	75	.23	1.35
M100PK	100	.20	1.35
M200PK	200	.14	1.35
M300PK	300	.116	1.35
M400PK	400	.10	1.35
M500PK	500	.09	1.35
M600PK	600	.082	1.35

Mallory Number	Ohms Resis.	Capacity In Amps	Net Each
M1MPK	1K	.063	1.35
M1.5MPK	1.5K	.052	1.35
M2MPK	2K	.045	1.35
M2.5MPK	2.5K	.04	1.35
M3MPK	3K	.037	1.35
M4MPK	4K	.032	1.35
M5MPK	5K	.028	1.35
M10MPK	10K	.02	1.35
M15MPK	15K	.016	1.47
M20MPK	20K	.014	1.47
M25MPK	25K	.013	1.47
M50MPK	50K	.009	1.74
M70MPK	70K	.0075	1.74
M75MPK	75K	.0073	2.46
M100MPK	100K	.0063	2.46

CENTER-TAPPED POTENTIOMETERS

Mallory Number	Ohms Resis.	Capacity In Amps	Net Each
MT10PK	10	.63	\$1.32
MT20PK	20	.45	1.32
MT30PK	30	.37	1.32

RHEOSTATS*

Mallory Number	Ohms Resis.	Capacity In Amps	Net Each
M05RK	0.5	2.80	93c
M1RK	1	2.00	93c
M2RK	2	1.40	93c
M3RK	3	1.15	93c
M4RK	4	1.00	93c
M6RK	6	.82	93c
M10RK	10	.63	93c
M15RK	15	.52	93c
M20RK	20	.45	93c
M25RK	25	.40	93c
M30RK	30	.37	93c
M40RK	40	.32	93c
M50RK	50	.28	93c
M60RK	60	.26	93c
M75RK	75	.23	93c
M100RK	100	.20	93c

*"Open" or "Off" position counter-clockwise.

5 WATT TYPE VW SUBMINIATURE

Rated 5 watts at 35° C. 3/4" diameter. Mech. Rotation: 305°. Elec. Rotation: 275°. Resis. Tolerance: ±10%. Voltage Breakdown: 900 VAC rms. Bushing: 3/8"-32 x 3/4". Shaft: 1/4" dia. x 2" FMS. Furn. with nut and lug.

Mallory No.	Ohms Resis.	Net Each	Mallory No.	Ohms Resis.	Net Each
VW1	1	\$1.38	VW300	300	\$1.38
VW2	2	1.38	VW400	400	1.38
VW3	3	1.38	VW500	500	1.38
VW5	5	1.38	VW600	600	1.38
VW6	6	1.38	VW750	750	1.38
VW8	8	1.38	VW1K	1000	1.38
VW10	10	1.38	VW1P5K	1500	1.44
VW15	15	1.38	VW2K	2000	1.44
VW20	20	1.38	VW2P5K	2500	1.44
VW25	25	1.38	VW3K	3000	1.44
VW30	30	1.38	VW4K	4000	1.44
VW40	40	1.38	VW5K	5000	1.44
VW50	50	1.38	VW7P5K	7500	1.50
VW60	60	1.38	VW10K	10000	1.50
VW75	75	1.38	VW15K	15000	1.56
VW100	100	1.38	VW20K	20000	1.56
VW200	200	1.38	VW25K	25000	1.65
VW250	250	1.38			

7 WATT TYPE E

Rated 7 watts at 40° C. 2 3/4" diameter. Mech. Rotation: 307°. Elec. Rotation: 295°. Resis. Tolerance: ±10%. Contact arm grounded. Bushing: 3/8"-32 x 3/4". Shaft: 1/4" dia. x 3/4" FMS with screwdriver slot. Furnished with nut.

Mallory Number	Ohms Resis.	Capacity In Amps	Net Each
E5MP	5K	.042	\$2.76
E10MP	10K	.03	2.94
E20MP	20K	.021	2.94
E25MP	25K	.019	3.06
E50MP	50K	.0135	3.06
E75MP	75K	.011	3.15
E100MP	100K	.0095	3.24
E125MP	125K	.0085	3.30
E150MP	150K	.0078	3.36

12 1/2 WATT TYPE MG

Rated 12 1/2 watts at 35° C. 1 1/2" diameter. Mech. Rotation: 294°. Elec. Rotation: 275°. Resis. Tolerance: ±10%. Voltage Breakdown: 900 VAC rms. Bushing: 3/8"-32 x 3/4" FMS. Shaft: 1/4" dia. x 3/4" FMS, knurled with screwdriver slot. Furn. with nut.

Mallory No.	Ohms Resis.	Net Each	Mallory No.	Ohms Resis.	Net Each
MG1	1	\$2.18	MG600	600	\$2.18
MG3	3	2.18	MG1000	1000	2.22
MG6	6	2.18	MG1500	1500	2.22
MG10	10	2.18	MG2000	2000	2.22
MG15	15	2.18	MG2500	2500	2.22
MG20	20	2.18	MG3000	3000	2.22
MG25	25	2.18	MG4000	4000	2.22
MG30	30	2.18	MG5000	5000	2.22
MG50	50	2.18	MG10K	10K	2.32
MG100	100	2.18	MG15K	15K	2.32
MG200	200	2.18	MG20K	20K	2.32
MG300	300	2.18	MG25K	25K	2.32
MG400	400	2.18	MG50K	50K	2.50
MG500	500	2.18	MG100K	100K	2.72

STANDARD TAPER FOR MALLORY WIRE-WOUND CONTROLS IS NORMAL LINEAR TAPER.

OTHER TAPERS MAY BE SPECIFIED ON SPECIAL ORDER.

AUDIO ATTENUATORS AND SENSITIVITY CONTROLS ARE LISTED ON ANOTHER PAGE.

Capacitors



Metal tubulars with insulating sleeve. Use etched cathode construction for maximum reliability. **TC, TCN** are single section with 3" tinned leads; **TCD, TCT** have 7" insulated leads; **TCS** has solder lugs. Sizes 1/8" dia. and up have mtg. straps. **Temp. Range:** -20° C to +85° C except (*) rated at +65° C. **Tolerance:** -10%, +100% up to 350 WVDC; -10%, +50% 450 WVDC and up.

TC SINGLE SECTION

Mallory No.	Cap., μ F	WV DC	Size, In. Dia. x Lg.	Net Each
TC304	200	3	1 1/16 x 1 1/4	\$0.69
TC305	500	3	1 1/16 x 1 1/4	.84
TC310	1000	3	1 1/16 x 1 1/4	1.02
TC605	500	6	1 1/16 x 1 1/4	.93
TC610	1000	6	1 1/16 x 1 1/4	1.14
TC1502	200	15	1 1/16 x 1 1/2	.84
TC1505	500	15	1 1/16 x 1 1/2	1.05
TC1501	1000	15	1 1/16 x 1 1/2	1.38
TC22	10	25	7/16 x 3/4	.60
TC26	25	25	7/16 x 3/4	.60
TC29	50	25	7/16 x 3/4	.66
TC2501	100	25	1 1/16 x 1 3/4	.81
TC25015	150	25	1 1/16 x 1 3/4	.87
TC2505	500	25	1 1/16 x 2 1/4	1.38
TC31	1	50	1/4 x 1 1/2	.54
TC302	2	50	1/4 x 1 1/2	.54
TC30	5	50	1/4 x 1 1/2	.60
TC32	10	50	1/4 x 1 1/2	.60
TC36	25	50	1 1/16 x 1 1/4	.63
TC39	50	50	1 1/16 x 1 1/4	.72
TC3501	100	50	1 1/16 x 1 3/4	.84
TC50015	150	50	1 1/16 x 1 3/4	1.12
TC50025	250	50	1 1/16 x 1 3/4	1.05
TC50050	500	50	1 1/16 x 2 1/4	1.92
TC50100	1000	50	1 1/16 x 4	2.91
TC40	5	150	7/16 x 1 7/8	.60
TC41	8	150	7/16 x 1 7/8	.63
TC42	10	150	7/16 x 1 7/8	.63
TC43	12	150	7/16 x 1 7/8	.66
TC44	16	150	7/16 x 1 7/8	.69
TC45	20	150	7/16 x 1 7/8	.72
TC47	30	150	7/16 x 1 7/8	.78
TC48	40	150	7/16 x 1 7/8	.81
TC49	50	150	7/16 x 1 7/8	.84
TC492	80	150	7/16 x 2	.96
TC493	100	150	1 1/16 x 2 1/4	1.05
TC495	150	150	1 1/16 x 2 1/4	1.14
TC496	200	150	1 1/16 x 2 1/4	1.58
TC499	300	150	1 1/16 x 3	1.53
TC50 X	5	250	1 1/16 x 1 3/4	.63
TC51	8	250	1 1/16 x 1 3/4	.69
TC52	10	250	1 1/16 x 1 3/4	.72
TC53	12	250	1 1/16 x 1 3/4	.75
TC54	16	250	1 1/16 x 1 3/4	.78
TC55	20	250	1 1/16 x 1 3/4	.81
TC58	40	250	1 1/16 x 1 3/4	1.02
TC59	50	250	1 1/16 x 1 3/4	1.02
TC1265	100	250	1 1/16 x 2 3/8	1.47
TC593	150	300	1 1/16 x 3 1/2	1.95
TC595	2	350	1 1/16 x 1 3/4	1.26
TC60	5	350	1 1/16 x 1 3/4	.63
TC61	8	350	1 1/16 x 1 3/4	.72
TC62	10	350	1 1/16 x 1 3/4	.75
TC63	12	350	1 1/16 x 1 3/4	.78
TC64	16	350	1 1/16 x 1 3/4	.84
TC65	20	350	1 1/16 x 1 3/4	.87
TC67	40	350	1 1/16 x 2 1/4	1.44
TC68	60	350	1 1/16 x 2 1/4	1.17
TC69	100	350	1 1/16 x 4	1.86
TC692	150	350	1 1/16 x 3 7/8	3.16
TC695	2	450	1 1/16 x 1 3/4	.66
TC697	4	450	1 1/16 x 1 3/4	.97
TC70	5	450	1 1/16 x 1 3/4	.72
TC71	8	450	1 1/16 x 1 3/4	.75
TC72	10	450	1 1/16 x 1 3/4	.78
TC73	12	450	1 1/16 x 1 3/4	.81
TC74	16	450	1 1/16 x 1 3/4	.84
TC75	20	450	1 1/16 x 1 3/4	.93
TC77	30	450	1 1/16 x 2 1/4	1.02
TC78	40	450	1 1/16 x 2 1/4	1.08
TC79	50	450	1 1/16 x 2 1/4	1.26
TC795	60	450	1 1/16 x 2 3/8	1.38
TC80	80	450	1 1/16 x 4	1.68
TC805	100	450	1 1/16 x 3	1.92
TC81*	10	500	1 1/16 x 1 3/4	.81
TC82	10	500	1 1/16 x 3	1.62
TC83*	20	500	1 1/16 x 1 3/4	.96
TC84*	30	500	1 1/16 x 2 1/4	1.05
TC90	4	600	3/4 x 2 1/2	2.30
TC92	10	600	1 1/16 x 2 1/2	1.77

NON-POLAR SINGLE SECTION

Mallory No.	Cap., μ F	WV DC	Size, In. Dia. x Lg.	Net Each
TCN308	.5Z†	3	1 1/16 x 2	\$1.32
TC420	1.5Z†	4	1 1/16 x 2 1/2	2.10
TC421	1.5Z†	6	1 1/16 x 2	1.80
TCN105	5	10	1 1/16 x 1 1/4	.69
TCN106	6	10	1 1/16 x 1 1/4	.69
TCN108	8	10	1 1/16 x 1 1/4	.69
TCN1025	25	10	7/16 x 7/8	.84
TCN412	500	10	1 1/16 x 2	1.20
TCN1550	500	15	1 1/16 x 2 1/4	1.32

†15,750 cps; †60 cps; †120 cps. #VNP.

METAL TUBULAR ELECTROLYTICS

NON-POLAR (CONT'D)

Mallory No.	Cap., μ F	VNP	Size, In. Dia. x Lg.	Net Each
TCN415	1000	15	1 1/16 x 3 1/2	\$1.71
TCN2516	16	25	9/16 x 1 1/2	.60
TCN425	100	25	1 1/16 x 1 1/2	1.02
TCN501	1	50	9/16 x 1 1/4	.69
TCN502	2	50	9/16 x 1 1/4	.69
TCN503	3	50	9/16 x 1 1/4	.72
TCN504	4	50	9/16 x 1 1/4	.75
TCN505	5	50	9/16 x 1 1/4	.90
TCN5010	10	50	9/16 x 1 1/4	.75
TCN5099	100	50	1 1/16 x 1 1/4	1.29
TCN510	4	150	9/16 x 1 1/4	.75
TCN1512	12	150	9/16 x 1 1/4	1.01
TCN1540	40	150	1 1/16 x 1 1/4	1.30
TCN1551	50	150	7/8 x 2 1/4	1.34
TCN2550	4	200	1 1/16 x 1 1/4	1.02
TCN3520	20	350	1 1/16 x 2 1/2	1.08
TCN511	10	450	1 1/16 x 2 1/4	.99

TCD DUAL COMMON NEGATIVE

No. TCD-	Cap., μ F	WVDC	Size, In. Dia. x Lg.	Net Each
204	250-1000	10-6	1 1/16 x 2 1/4	\$1.68
16	500-100	16-16	1 1/16 x 2	1.62
26	25-25	25-25	1 1/16 x 1 1/4	1.62
N201†	130-130	25-25	1 1/16 x 2 1/4	2.15
40	10-10	100-100	1 1/16 x 1 1/4	.87
43	10-30	150-150	1 1/16 x 1 1/4	1.62
45	20-20	150-150	1 1/16 x 1 1/4	.99
508	130-20	150-150	1 1/16 x 2 1/8	2.07
47	30-30	150-150	1 1/16 x 1 1/4	1.08
485	40-20	150-150	1 1/16 x 1 3/4	1.05
475	40-30	150-150	1 1/16 x 2	1.08
48	40-40	150-150	1 1/16 x 2	1.11
497	50-30	150-150	1 1/16 x 2	1.17
49	50-50	150-150	1 1/16 x 2 1/4	1.26
50	60-20	150-150	1 1/16 x 1 7/8	1.53
4975	80-40	150-150	1 1/16 x 2 1/4	1.32
498	80-50	150-150	1 1/16 x 2 1/4	1.41
2155	100-100	150-150	1 1/16 x 4	1.92
46	30-20	200-200	1 1/16 x 2	1.17
2165	30-30	200-200	1 1/16 x 2 1/4	1.32
2169	50-75	250-50	1 1/16 x 2 1/4	1.44
2174	100-150	250-50	1 1/16 x 4	2.16
2173	8-8	250-250	1 1/16 x 3 1/4	.96
52	10-10	250-250	1 1/16 x 2	.99
55	20-20	250-250	1 1/16 x 2	1.11
2274	40-40	300-300	1 1/16 x 3 1/8	1.77
58	80-40	300-300	1 1/16 x 4	2.07
62	10-10	350-350	1 1/16 x 2	1.02
65	20-20	350-350	1 1/16 x 2 3/8	1.35
68	30-5	350-350	1 1/16 x 2 3/8	1.50
2297	40-50	450-50	1 1/16 x 3 3/8	1.50
2302	30-60	450-300	1 1/16 x 4	1.92
71	8-8	450-450	1 1/16 x 2	1.02
72	10-10	450-450	1 1/16 x 2	1.11
74	15-15	450-450	1 1/16 x 3 1/8	1.32
745	20-8	450-450	1 1/16 x 2 1/4	1.26
75	20-20	450-450	1 1/16 x 3 1/8	1.50
77	30-30	450-450	1 1/16 x 4	1.80
78	40-40	450-450	1 1/16 x 4	2.04

†Non-polar.

TCS DUAL SEPARATE SECTION

Mallory No.	Cap., μ F	WV DC†	Size, In. Dia. x Lg.	Net Each
TCS44	15-15	150	1 1/16 x 2 3/8	\$1.20
TCS45	20-20	150	1 1/16 x 2 3/8	1.26
TCS47	30-30	150	1 1/16 x 2 3/8	1.35
TCS48	40-40	150	1 1/16 x 2 3/8	1.41
TCS49	120-120	150	1 1/16 x 3 7/8	1.98
TCS505	70-70	175	1 1/16 x 3 7/8	2.16
TCS52	10-10	250	1 1/16 x 2 3/8	1.26
TCS55	20-20	250	1 1/16 x 2 3/8	1.41
TCS61	8-8	350	1 1/16 x 2 3/8	1.26
TCS64	15-15	350	1 1/16 x 2 3/8	1.65
TCS71	8-8	450	1 1/16 x 2 3/8	1.29
TCS74	15-15	450	1 1/16 x 2 3/8	1.65
TCS75	20-20	450	1 1/16 x 3 1/2	1.89

†Each section.

TCT TRIPLE COMMON NEGATIVE

No. TCT-	Cap., μ F	Volts	Size, In. Dia. x L.	Net Each
3053	20-20-20	150-150-25	1 1/16 x 2 1/4	\$1.23
3055	30-30-20	150-150-25	1 1/16 x 2 1/4	1.32
3094	50-30-200	150-150-25	1 1/16 x 2 3/8	1.65
3109	20-10-10	150-150-150	1 1/16 x 1 3/4	1.20
3112	20-20-20	150-150-150	1 1/16 x 1 3/4	1.29
3113	30-30-30	150-150-150	1 1/16 x 2 1/4	1.41
3114	40-20-20	150-150-150	1 1/16 x 2 1/4	1.35
3105	40-30-20	150-150-150	1 1/16 x 1 3/4	1.38
3116	40-40-20	150-150-150	1 1/16 x 2 1/4	1.41
3115	40-40-40	150-150-150	1 1/16 x 2 1/4	1.47
3107	50-30-20	150-150-150	1 1/16 x 2 1/4	1.41
3110	60-30-10	150-150-150	1 1/16 x 2	2.22
3119	60-50-20	150-150-150	1 1/16 x 2 1/2	1.62
3117	80-40-20	150-150-150	1 1/16 x 2 3/8	1.65
3118	80-50-50	150-150-150	1 1/16 x 4	1.86
3120	80-80-20	150-150-150	1 1/16 x 3	2.47
3285	40-30-40	350-250-150	1 1/16 x 4	1.98
3405	30-50-100	450-150-25	1 1/16 x 4	1.92
3432	30-30-30	450-350-250	1 1/16 x 4	2.25
3764	40-20-10	450-450-450	1 1/16 x 4	2.25

MINIATURE PHENOLIC CASE ELECTROLYTICS



Miniature electrolytics for portable radio and television applications. Enclosed in phenolic case with epoxy end seals. **PET** series are single ended with 1" leads for printed circuit use. **PETA** series has 1 1/2" axial leads. **Temperature Range:** -30° C to +85° C. **Tolerance:** -10%, +150%.

No. PET-	Cap., μF	WV DC	Size, In.	Net Each
118	8	3	3/8 x 9/16	\$0.82
122	15	3	3/8 x 9/16	.83
130	30	3	3/8 x 9/16	.83
140	40	3	3/8 x 9/16	.83
180	150	3	7/16 x 1 1/8	.89
1210	5	6	3/8 x 5/8	.82
1260	60	6	3/8 x 3/4	.85
1300	750	6	7/16 x 1 1/4	1.18
1340	10	10	3/8 x 5/8	.83
1400	100	10	3/8 x 5/8	.88
1500	100	12	3/8 x 1 1/8	.88
1535	6	15	3/8 x 5/8	.83
1570	20	15	3/8 x 5/8	.83
1575	50	15	3/8 x 5/8	.85
1760	10	25	3/8 x 5/8	.83
1930	2	50	3/8 x 5/8	.82
1935	4	50	3/8 x 5/8	.83
1960	25	50	3/8 x 1	.85
1980	50	50	7/16 x 1 1/8	.88
2150	500-50	3-3	1 1/2 x 1 1/4	1.31
2900	100-100	4-4	1 1/2 x 1 1/8	1.18
2290	100-40	6-3	7/8 x 1 1/8	1.14
2320	400-200	6-6	7/8 x 1 1/2	1.37
2312	200-20	8-8	7/8 x 1 1/2	1.18
2365C*	50-25	10-10	7/8 x 1	1.12
2370	50-50	10-10	7/8 x 1	1.13
3310	100-100-65	8-8-8	7/8 x 1	1.20
A120	1000	1	7/8 x 1 1/8	1.16
A190	750	3	7/8 x 1 1/8	1.06
A1675	65	16	7/8 x 1 1/8	.72
A2300	250-100	7-3	7/8 x 1 1/8	1.27
A2385	80-50	10-10	7/8 x 1 1/8	1.08
A2395	100-40	10-3	7/8 x 1 1/8	1.58

STA-LOC® Controls

REAR SECTION CONTROLS (CONT'D)

TAPPED REAR SECTIONS

Mallory Number	Resis., Ohms	#1 Tap Ohms	#2 Tap Ohms	Taper
RU751T42	750	400	.....	4
RU152T181	1500	180	.....	1
RU752T222	7500	2200	.....	1
● RU752T53	7500	5000	.....	1
RU14T53	10K	5K	.....	4
● RU153T14	15K	10K	.....	4
● RU253T53	25K	5K	.....	1
RU34T24	30K	20K	.....	4
● RU44T14	40K	10K	.....	4
● RU54DT353	50K	20K	35K	4
RU15DT54	100K	25K	50K	4
RU154T653	150K	65K	.....	1
RU254T34	250K	30K	.....	1
RU254T64	250K	60K	.....	1
RU254T753	250K	75K	.....	1
RU254T15	250K	100K	.....	1
RU254T1253	250K	125K	.....	4
RU254T154	250K	150K	.....	1
RU254T164	250K	160K	.....	4
RU35T54	300K	50K	.....	1
RU35T553	300K	55K	.....	1
RU35T583	300K	58K	.....	1
RU35T74	300K	70K	.....	1
RU35T94	300K	90K	.....	4
RU334T553	330K	55K	.....	1
RU334T653	330K	65K	.....	1
RU334T663	330K	66K	.....	1
RU334T753	330K	75K	.....	1
RU334T15	330K	100K	.....	4
RU354T64	350K	60K	.....	1
RU364T683	360K	68K	.....	1
RU55T44	500K	40K	.....	1
RU55T423	500K	42K	.....	1
RU55T453	500K	45K	.....	1
RU55T54	500K	50K	.....	1
RU55T64	500K	60K	.....	1
RU55T653	500K	65K	.....	1
RU55T15	500K	100K	.....	4
RU55DT25	500K	100K	200K	4
RU55T124	500K	120K	.....	1
RU55T1353	500K	135K	.....	1
RU55T154	500K	150K	.....	1
RU55DT334	500K	150K	330K	4
RU55T184	500K	180K	.....	4
RU55DT354	500K	200K	350K	4
RU55T224	500K	220K	.....	1
RU55T254	500K	250K	.....	4
RU55T274	500K	270K	.....	4
RU55T35	500K	300K	.....	4
RU754T154	750K	150K	.....	4
RU754T184	750K	180K	.....	1
RU754T25	750K	200K	.....	1
RU16DT253	1 meg	25K	.....	1
RU16DT64	1 meg	40K	60K	1
RU16T453	1 meg	45K	.....	1
RU16T54	1 meg	50K	.....	1
RU16T94	1 meg	90K	.....	1
RU16T15	1 meg	100K	.....	1
RU16T1253	1 meg	125K	.....	4
RU16T164	1 meg	160K	.....	1
RU16T184	1 meg	180K	.....	1
RU16T25	1 meg	200K	.....	1
RU16T224	1 meg	220K	.....	1
RU16T253	1 meg	225K	.....	1
RU16T254	1 meg	250K	.....	1
RU16T274	1 meg	270K	.....	1
RU16T35	1 meg	300K	.....	1
RU16T334	1 meg	330K	.....	1
RU16T354	1 meg	350K	.....	1
RU16T45	1 meg	400K	.....	4
RU16DT754	1 meg	400K	750K	4
RU16T55	1 meg	500K	.....	4
RU16T65	1 meg	600K	.....	4
RU16T654	1 meg	650K	.....	4
RU16T85	1 meg	800K	.....	4
RU125T254	1.2 meg	250K	.....	1
RU155DT55	1.5 meg	250K	500K	1
RU155T35	1.5 meg	300K	.....	1
RU155T354	1.5 meg	350K	.....	1
RU155T55	1.5 meg	500K	.....	1
RU155T754	1.5 meg	750K	.....	4
RU26T35	2 meg	300K	.....	1
RU26T354	2 meg	350K	.....	1
RU26T45	2 meg	400K	.....	1
RU26DT75	2 meg	400K	700K	1
RU26T55	2 meg	500K	.....	1
RU26DT16	2 meg	500K	1 meg	4
RU26T65	2 meg	600K	.....	4
RU26T75	2 meg	700K	.....	4
RU26DT125	2 meg	800K	1.2 meg	4
RU26T95	2 meg	900K	.....	1
RU26T16	2 meg	1 meg	.....	4
RU26T125	2 meg	1.2 meg	.....	4
● RU26T155	2 meg	1.5 meg	.....	4
● RU36DT155	3 meg	350K	1.5 meg	1
RU36T16	3 meg	1 meg	.....	4
RU36T155	3 meg	1.5 meg	.....	1
RU56T16	5 meg	1 meg	.....	1
RU56T26	5 meg	2 meg	.....	4

PUSH-PULL REAR SECTION SWITCHES

Combination rear section and push-pull switch (SPST).

Rear Section Without Taps—Net...\$1.35

Rear Section Tapped—Net Each...1.65

Mallory Number	Resis., Ohms	Tap, Ohms	Taper
RUP751R	750	.....	2
RUP154L	150K	.....	4
RUP55A	500K	.....	1
RUP55T154	500K	150K	4
RU16A	1 meg	.....	1
RUP16L	1 meg	.....	4
RUP16T54	1 meg	50K	1
RUP16T254	1 meg	250K	1
RUP16T1253	1 meg	125K	4
RUP16T35	1 meg	300K	4
RUP26A	2 meg	.....	1
RUP26T16	2 meg	1 meg	4
RUP26T1254	2 meg	1.25 meg	4
RUP255L	2.5 meg	.....	4
RUP36T155	3 meg	1.5 meg	4

STA-LOC SHAFTS

Standard Shafts—Net Each.....39c

IUG500, OUG600—Net Each.....65c

Mallory No.	In.	Mallory No.	In.	Mallory No.	In.
IK625	5/8	IS3375	3 3/8	OK2312	2 1/16
IK750	3/4	IS3437	3 7/16	OK2375	2 3/8
IK875	7/8	IS3562	3 9/16	OK2437	2 1/2
IK937	1 1/16	IS3687	3 11/16	OK2937	2 15/16
IK1000	1 1/8	IS3750	3 3/4	OK3500	3 1/2
IK1187	1 1/16	IS3875	3 7/8	OS437	7/16
IK1250	1 1/4	IS3937	3 15/16	OS437A	7/16
IK1312	1 1/8	IS4000	4	OS500	7/8
IK1375	1 1/8	IS4062	4 1/16	OS562	9/16
IK1437	1 1/16	IS4250	4 1/4	OS562A	9/16
IK1500	1 1/2	IS4437	4 1/2	OS625	1 1/8
IK1625	1 3/8	IS4500	4 1/2	OS687	1 1/16
IK1750	1 3/4	IS4812	4 15/16	OS750	3/4
IK1812	1 13/16	IS4937	4 15/16	OS750A	3/4
IK1875	1 7/8	IS5625	5 5/8	OS812	1 1/8
IK2000	2	IS5750	5 3/4	OS875	7/8
IK2062	2 1/16	IS5000	5 3/4	OS875A	7/8
IK2187	2 1/8	IUG500	6 1/2	OS937	1 1/16
IK2250	2 3/4	OF812	1 1/16	OS937A	1 1/16
IK2312	2 1/8	OF875	7/8	OS1000	1
IK2375	2 3/8	OF937	1 1/16	OS1000A	1
IK2437	2 1/2	OF1000	1 1/16	OS1062	1 1/8
IK2500	2 1/2	OF1062	1 1/8	OS1125	1 1/8
IK2625	2 5/8	OF1125	1 1/8	OS1187	1 1/16
IK2687	2 11/16	OF1187	1 1/8	OS1250	1 1/4
IK2750	2 3/4	OF1250	1 1/4	OS1250A	1 1/4
IK3000	3	OF1312	1 1/8	OS1312	1 1/8
IK3125	3 1/8	OF1375	1 3/8	OS1375	1 3/8
IK3250	3 1/4	OF1437	1 7/8	OS1437	1 7/8
IK3750	3 3/4	OF1500	1 1/2	OS1437A	1 7/8
IK4062	4 1/16	OF1562	1 9/16	OS1500	1 1/2
IS5000	5	OF1625	1 5/8	OS1500A	1 1/2
IS437	7/16	OF1687	1 11/16	OS1562	1 9/16
IS875	7/8	OF15687	1 11/16	OS1625	1 5/8
IS937	1 1/16	OF1750	1 3/4	OS1687	1 11/16
IS1000	1 1/8	OF1812	1 15/16	OS1750	1 3/4
IS1062	1 1/8	OF1875	1 7/8	OS1812	1 15/16
IS1125	1 1/8	OF1937	1 15/16	OS1812A	1 15/16
IS1187	1 1/8	OF2000	2	OS1875	1 7/8
IS1187	1 1/8	OF2062	2 1/16	OS1875A	1 7/8
IS1250	1 1/4	OF2125	2 1/8	OS1937	1 15/16
IS1312	1 1/8	OF2187	2 3/8	OS2000	2
IS1375	1 1/8	OF2250	2 1/2	OS2062	2 1/16
IS1437	1 1/16	OF2312	2 5/8	OS2125	2 1/8
IS1500	1 1/2	OF2375	2 7/8	OS2187	2 3/8
IS1562	1 5/8	OF2437	2 7/8	OS2250	2 3/4
IS1625	1 7/8	OF2500	2 3/2	OS2250A	2 3/4
IS1687	1 11/16	OF2562	2 3/2	OS2312	2 5/8
IS1750	1 3/4	OF2625	2 1/2	OS2375	2 3/4
IS1812	1 15/16	OF2687	2 11/16	OS2437	2 7/8
IS1875	1 7/8	OF2750	2 3/4	OS2500	2 3/2
IS1937	1 15/16	OF2812	2 15/16	OS2562	2 3/2
IS2000	2	OF2875	2 7/8	OS2625	2 3/2
IS2062	2 1/16	OF2937	2 15/16	OS2687	2 11/16
IS2125	2 1/8	OF3000	3	OS2687A	2 11/16
IS2187	2 1/16	OF3062	3 1/16	OS2750	2 3/4
IS2250	2 1/4	OF3375	3 3/8	OS2812	2 3/8
IS2312	2 1/8	OF3500	3 1/2	OS2812A	2 3/8
IS2375	2 3/8	OF5312	5 1/16	OS2875	2 3/4
IS2437	2 1/16	OK375	3 3/8	OS2937	2 15/16
IS2500	2 1/2	OK500	1 1/2	OS3062	2 3/16
IS2562	2 3/8	OK625	1 5/8	OS3125	2 3/8
IS2625	2 1/2	OK812	1 15/16	OS3250	3 1/4
IS2687	2 11/16	OK1000	1	OS3312	3 5/16
IS2750	2 3/4	OK1062	1 1/16	OS3375	3 3/8
IS2812	2 15/16	OK1125	1 1/8	OS3437	3 7/16
IS2875	2 7/8	OK1250	1 1/4	OS3562	3 9/16
IS2937	2 15/16	OK1312	1 1/8	OS3625	3 5/8
IS3000	3	OK1375	1 3/8	OS3750	3 3/4
IS3062	3 1/16	OK1500	1 1/2	OS4000	4
IS3125	3 1/8	OK1625	1 5/8	OS4187	4 3/16
IS3187	3 3/8	OK1687	1 11/16	OS5250	5 1/4
IS3250	3 1/4	OK1750	1 3/4	OS3000	3
IS3312	3 1/8	OK2125	2 1/8	OU6000	6
		OK2250	2 3/4		

*Shaft length, FMS.

STA-LOC UA CONTROLS

Universal single controls use SF1000, SK1000, SL3500 or SN1000 shafts and any Sta-Loc switch.

Untapped—Net Each.....63c

Tapped—Net Each.....85c

UNTAPPED

Mallory Number	Resis., Ohms	Ta- per	Mallory Number	Resis., Ohms	Ta- per
UA12L	100	4	UA54R	50K	2
UA52L	500	4	UA753A	75K	1
UA52R	500	2	UA15A	100K	1
UA751A	750	1	UA15L	100K	4
UA751R	750	2	UA15R	100K	2
UA13L	1K	4	UA1253L	125K	4
UA13R	1K	2	UA154A	150K	1
UA152L	1500	4	UA25L	200K	4
UA152R	1500	2	UA254A	250K	1
UA23L	2K	4	UA254L	250K	4
UA252R	2500	2	UA254R	250K	2
UA33L	3K	4	UA55A	500K	1
UA33R	3K	2	UA55L	500K	4
UA53A	5K	1	UA754A	750K	1
UA53L	5K	4	UA16A	1 meg	1
UA14A	10K	1	UA16L	1 meg	4
UA14L	10K	4	UA16R	1 meg	2
UA14R	10K	2	UA155L	1.5 meg	4
UA153A	15K	1	UA26A	2 meg	1
UA153R	15K	2	UA26L	2 meg	4
UA24A	20K	1	UA255L	2.5 meg	4
UA24L	20K	4	UA36A	3 meg	1
UA253A	25K	1	UA36L	3 meg	4
UA253L	25K	4	UA56A	5 meg	1
UA253R	25K	2	UA56L	5 meg	4
UA34L	30K	4	UA56R	5 meg	2
UA54A	50K	1	UA755L	7.5 meg	4
UA54L	50K	4	UA17L	10 meg	4

TT TINY TUBULAR ALUMINUM ELECTROLYTIC CAPACITORS



Mallory TT capacitors are made from very high purity aluminum foil, deep-etched to provide maximum capacity per unit of volume. Etched cathode construction assures long, hum-free operation. Utilize all-welded construction; exhibit exceptionally low DCL and ESR. Supplied in aluminum case with insulating sleeve; wire leads 2" lg. ($\pm 1/4$ "). **Temperature Range:** -30°C to $+85^{\circ}\text{C}$, operating. **Tolerance:** -10% , $+150\%$, 1-50 WVDC; -10% , $+100\%$, 60 WVDC and up.

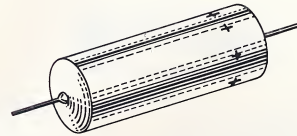
Mallory No.	Cap., μF	WV DC	Size, In.* Dia. x L.	Net Each
TT1X5	5	1	$1/4 \times 5/8$	\$0.51
TT2X150	150	2	$3/8 \times 5/8$	.90
TT3X1	1	3	$1/4 \times 5/8$	.51
TT3X2	2	3	$1/4 \times 5/8$	.51
TT3X3	3	3	$1/4 \times 5/8$	.51
TT3X4	4	3	$1/4 \times 5/8$	.51
TT3X5	5	3	$1/4 \times 5/8$	.51
TT3X6	6	3	$1/4 \times 5/8$	.51
TT3X8	8	3	$1/4 \times 5/8$	.51
TT3X10	10	3	$1/4 \times 5/8$	.51
TT3X15	15	3	$1/4 \times 5/8$	.51
TT3X20	20	3	$1/4 \times 5/8$	.51
TT3X25	25	3	$1/4 \times 5/8$	.51
TT3X35	35	3	$1/4 \times 5/8$	.57
TT3X40	40	3	$1/4 \times 5/8$	.72
TT3X50	50	3	$1/4 \times 5/8$	.74
TT3X75	75	3	$1/4 \times 3/4$	.75
TT3X100	100	3	$3/8 \times 5/8$	.81
TT3X110	110	3	$3/8 \times 5/8$	.81
TT3X150	150	3	$3/8 \times 3/4$	.81
TT3X200	200	3	$3/8 \times 3/4$	.81
TT3X250	250	3	$3/8 \times 7/8$	.81
TT3X300	300	3	$3/8 \times 1$	.87
TT3X400	400	3	$3/8 \times 1 1/8$	.93
TT3X500	500	3	$3/8 \times 1 3/8$	.99
TT6X1	1	6	$1/4 \times 5/8$	.54
TT6X2	2	6	$1/4 \times 5/8$	.54
TT6X3	3	6	$1/4 \times 5/8$	.54
TT6X4	4	6	$1/4 \times 5/8$	.54
TT6X5	5	6	$1/4 \times 5/8$	.54
TT6X6	6	6	$1/4 \times 5/8$	.54
TT6X8	8	6	$1/4 \times 5/8$	.54
TT6X10	10	6	$1/4 \times 5/8$	.54
TT6X15	15	6	$1/4 \times 5/8$	.54
TT6X20	20	6	$1/4 \times 5/8$	.54
TT6X25	25	6	$1/4 \times 5/8$	.54
TT6X30	30	6	$1/4 \times 5/8$	.57
TT6X35	35	6	$1/4 \times 5/8$	.57
TT6X40	40	6	$1/4 \times 5/8$	.57
TT6X50	50	6	$1/4 \times 3/4$	.75
TT6X60	60	6	$1/4 \times 3/4$	.75
TT6X75	75	6	$3/8 \times 5/8$	.81
TT6X80	80	6	$3/8 \times 5/8$	.81
TT6X100	100	6	$3/8 \times 5/8$	.81
TT6X150	150	6	$3/8 \times 3/4$	.81
TT6X200	200	6	$3/8 \times 7/8$	.84
TT6X250	250	6	$3/8 \times 1$	.87
TT6X300	300	6	$3/8 \times 1$	.93
TT10X2	2	10	$1/4 \times 5/8$	.57
TT10X6	6	10	$1/4 \times 5/8$	.57
TT10X10	10	10	$1/4 \times 5/8$	.57
TT10X15	15	10	$1/4 \times 5/8$	.57
TT10X25	25	10	$1/4 \times 5/8$	.75
TT10X30	30	10	$1/4 \times 3/4$	.81
TT10X40	40	10	$1/4 \times 3/4$	.81
TT10X50	50	10	$3/8 \times 5/8$	.81
TT10X60	60	10	$3/8 \times 5/8$	.81
TT10X100	100	10	$3/8 \times 3/4$	.81
TT10X200	200	10	$3/8 \times 1$	.96
TT12X1	1	12	$1/4 \times 5/8$	.57
TT12X2	2	12	$1/4 \times 5/8$	.57
TT12X3	3	12	$1/4 \times 5/8$	.57
TT12X4	4	12	$1/4 \times 5/8$	.57
TT12X5	5	12	$1/4 \times 5/8$	.57
TT12X6	6	12	$1/4 \times 5/8$	.57
TT12X8	8	12	$1/4 \times 5/8$	.57
TT12X10	10	12	$1/4 \times 5/8$	.57
TT12X15	15	12	$1/4 \times 5/8$	.57
TT12X20	20	12	$1/4 \times 5/8$	.57
TT12X25	25	12	$1/4 \times 3/4$	.75
TT12X35	35	12	$1/4 \times 3/4$	.75
TT12X50	50	12	$3/8 \times 5/8$	.81
TT12X75	75	12	$3/8 \times 3/4$	.81
TT12X100	100	12	$3/8 \times 7/8$	.81
TT12X150	150	12	$3/8 \times 1$	.93
TT12X200	200	12	$3/8 \times 1 1/8$	.96
TT12X250	250	12	$3/8 \times 1 3/8$	.96

Mallory No.	Cap., μF	WV DC	Size, In.* Dia. x L.	Net Each
TT15X1	1	15	$1/4 \times 5/8$	\$0.57
TT15X2	2	15	$1/4 \times 5/8$	.57
TT15X3	3	15	$1/4 \times 5/8$	.57
TT15X4	4	15	$1/4 \times 5/8$	.57
TT15X5	5	15	$1/4 \times 5/8$	.57
TT15X6	6	15	$1/4 \times 5/8$	.57
TT15X8	8	15	$1/4 \times 5/8$	.57
TT15X10	10	15	$1/4 \times 5/8$	.57
TT15X15	15	15	$1/4 \times 5/8$	.57
TT15X20	20	15	$1/4 \times 3/4$	.57
TT15X25	25	15	$1/4 \times 3/4$	.75
TT15X30	30	15	$3/8 \times 5/8$	.75
TT15X35	35	15	$3/8 \times 5/8$	.75
TT15X40	40	15	$3/8 \times 5/8$	.81
TT15X50	50	15	$3/8 \times 3/4$	.81
TT15X75	75	15	$3/8 \times 7/8$	.81
TT15X100	100	15	$3/8 \times 7/8$	.81
TT15X150	150	15	$3/8 \times 1 1/8$	.87
TT15X200	200	15	$3/8 \times 1 3/8$	.96
TT25X1	1	25	$1/4 \times 5/8$	.54
TT25X2	2	25	$1/4 \times 5/8$	.57
TT25X3	3	25	$1/4 \times 5/8$	.57
TT25X4	4	25	$1/4 \times 5/8$	.57
TT25X5	5	25	$1/4 \times 5/8$	.57
TT25X6	6	25	$1/4 \times 5/8$	.57
TT25X8	8	25	$1/4 \times 5/8$	.60
TT25X10	10	25	$1/4 \times 5/8$	.60
TT25X15	15	25	$1/4 \times 3/4$	.75
TT25X20	20	25	$3/8 \times 5/8$	.81
TT25X25	25	25	$3/8 \times 5/8$	.81
TT25X30	30	25	$3/8 \times 3/4$	.81
TT25X35	35	25	$3/8 \times 3/4$	.81
TT25X50	50	25	$3/8 \times 7/8$	.81
TT25X75	75	25	$3/8 \times 1$	.87
TT25X100	100	25	$3/8 \times 1 1/8$	.90
TT50X1	1	50	$1/4 \times 5/8$	.54
TT50X2	2	50	$1/4 \times 5/8$	.54
TT50X3	3	50	$1/4 \times 5/8$	.57
TT50X4	4	50	$1/4 \times 5/8$	.57
TT50X5	5	50	$1/4 \times 3/4$	.57
TT50X6	6	50	$1/4 \times 3/4$	.81
TT50X8	8	50	$3/8 \times 5/8$	.81
TT50X10	10	50	$3/8 \times 5/8$	.81
TT50X15	15	50	$3/8 \times 3/4$	.81
TT50X20	20	50	$3/8 \times 7/8$	.81
TT50X25	25	50	$3/8 \times 7/8$	.84
TT50X35	35	50	$3/8 \times 1$	.84
TT50X50	50	50	$3/8 \times 1 3/8$	.87
TT80X4	4	80	$1/4 \times 3/4$	.81
TT100X1	1	100	$1/4 \times 5/8$	.81
TT100X2	2	100	$1/4 \times 5/8$	.81
TT100X3	3	100	$1/4 \times 3/4$	.81
TT100X4	4	100	$1/4 \times 3/4$	.81
TT100X5	5	100	$3/8 \times 5/8$	.81
TT100X6	6	100	$3/8 \times 5/8$	.81
TT100X8	8	100	$3/8 \times 3/4$	.81
TT100X10	10	100	$3/8 \times 3/4$	.81
TT100X15	15	100	$3/8 \times 7/8$	.84
TT100X20	20	100	$3/8 \times 1$	.84
TT100X25	25	100	$3/8 \times 1 1/8$	.84
TT150X1	1	150	$1/4 \times 5/8$	.84
TT150X2	2	150	$1/4 \times 3/4$	.84
TT150X3	3	150	$3/8 \times 5/8$	.84
TT150X4	4	150	$3/8 \times 5/8$	.84
TT150X5	5	150	$3/8 \times 3/4$	.84
TT150X6	6	150	$3/8 \times 3/4$	.84
TT150X8	8	150	$3/8 \times 7/8$	.84
TT150X10	10	150	$3/8 \times 1$	.84
TT150X12	12	150	$3/8 \times 1 1/8$	.87
TT250X1	1	250	$3/8 \times 5/8$	1.02
TT350X2	2	350	$3/8 \times 1 3/8$	1.05

*Including insulating sleeve.

Capacitors

MTA MOLDED TUBULAR ALUMINUM ELECTROLYTIC CAPACITORS



High quality electrolytics, precision molded by an exclusive new technique. Precision molding assures case uniformity and quality unattainable by conventional tube-and-fill methods. Polypropylene case material provides extreme humidity protection; actually excludes water molecules while allowing for molecular venting of the electrolyte if necessary. All-welded construction. **Temperature Range:** -20°C to $+65^{\circ}\text{C}$. **Tolerance:** -10% , $+100\%$. Ask for Bulletin 9-372 for complete specifications.

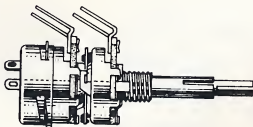
MTA STOCK VALUES

Mallory No.	Cap., μF	Max. WVDC	Surge VDC	Size $\dagger$	Net Each
MTA60D3	60	3	4	D	\$0.36
MTA175E3	175	3	4	E	.45
MTA600F3	600	3	4	F	.45
MTA50D6	50	6	8	D	.36
MTA125E6	125	6	8	E	.39
MTA150E6	150	6	8	E	.39
MTA450F6	450	6	8	F	.51
MTA500F6	500	6	8	F	.51
MTA40D10	40	10	12	D	.36
MTA75E10	75	10	12	E	.39
MTA100E10	100	10	12	E	.39
MTA200F10	200	10	12	F	.45
MTA400F10	400	10	12	F	.54
MTA30D15	30	15	18	D	.36
MTA35D15	35	15	18	D	.36
MTA50E15	50	15	18	E	.39
MTA80E15	80	15	18	E	.39
MTA90E15	90	15	18	E	.39
MTA100E15	100	15	18	E	.39
MTA250F15	250	15	18	F	.51
MTA300F15	300	15	18	F	.63
MTA350F15	350	15	18	F	.63
MTA25D20	25	20	25	D	.36
MTA60E20	60	20	25	E	.39
MTA70E20	70	20	25	E	.39
MTA250F20	250	20	25	F	.63
MTA50E25	50	25	30	E	.39
MTA175F25	175	25	30	F	.54
MTA200F25	200	25	30	F	.63
MTA20D30	20	30	35	D	.36
MTA40E30	40	30	35	E	.39
MTA9D35	9	35	40	D	.36
MTA10D35	10	35	40	D	.36
MTA15D35	15	35	40	D	.36
MTA25E35	25	35	40	E	.39
MTA30E35	30	35	40	E	.39
MTA35E35	35	35	40	E	.39
MTA90F35	90	35	40	F	.51
MTA100F35	100	35	40	F	.51
MTA125F35	125	35	40	F	.54
MTA150F35	150	35	40	F	.63
MTA1D50	1	50	60	D	.36
MTA2D50	2	50	60	D	.36
MTA3D50	3	50	60	D	.36
MTA4D50	4	50	60	D	.36
MTA5D50	5	50	60	D	.36
MTA6D50	6	50	60	D	.36
MTA7D50	7	50	60	D	.36
MTA8D50	8	50	60	D	.36
MTA9E50	9	50	60	E	.39
MTA10E50	10	50	60	E	.39
MTA15E50	15	50	60	E	.39
MTA20E50	20	50	60	E	.39
MTA25F50	25	50	60	F	.45
MTA30F50	30	50	60	F	.45
MTA35F50	35	50	60	F	.45
MTA40F50	40	50	60	F	.45
MTA50F50	50	50	60	F	.45
MTA60F50	60	50	60	F	.51
MTA70F50	70	50	60	F	.51
MTA80F50	80	50	60	F	.54

†MTA CASE SIZES

Size	Size, Inches	
	Dia. x L.	Leads
D	$\frac{5}{16} \times \frac{3}{4}$	2
E	$\frac{3}{8} \times 1$	2
F	$\frac{1}{2} \times 1 \frac{3}{8}$	2

STA-LOC® Controls



Universal replacement carbon controls snap together to make any of 54 million combinations. Standard front bushings: **FA**, $\frac{3}{8}$ " x $\frac{3}{8}$ "; **FB**, $\frac{3}{8}$ " x $\frac{1}{4}$ "; **FC**, FA with $\frac{1}{4}$ " extension on bushing; **FD**, FA with $\frac{1}{2}$ " extension on bushing. All others special (see bulletin 9-214). **Tapers**: 1, left hand audio; 2, reverse audio; 4, linear.

FRONT SECTION CONTROLS

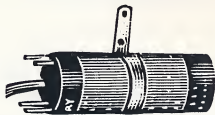
Without Taps—Net Each.....\$0.84
Tapped—Net Each.....1.26

FRONT SECTIONS WITHOUT TAPS

Mallory Number	Resis., Ohms	Taper	Mallory Number	Resis., Ohms	Taper
FA12L	100	4	FH14L	10K	4
FB12L	100	4	FJ14A	10K	1
FC12L	100	4	FK14A	10K	1
FA22L	200	4	FL14A	10K	1
FA251L	250	4	FM14L	10K	4
FB251L	250	4	FN14L	10K	4
FC251L	250	4	FO14L	10K	4
FA32L	300	4	FA153L	15K	4
FB32L	300	4	FB153L	15K	4
FC32L	300	4	FA24R	20K	2
FA351L	350	4	FA24L	20K	4
FB351L	350	4	FE24L	20K	4
FC351L	350	4	FF24L	20K	4
FA52L	500	4	FA253L	25K	4
FB52L	500	4	FA253R	25K	2
FC52L	500	4	FA253L	25K	4
FA62L	600	4	FD253L	25K	4
FB62L	600	2	FE253L	25K	4
FC62L	600	2	FA34A	30K	1
FA751L	750	4	FA34L	30K	4
FB751R	750	2	FA353L	35K	4
FC751L	750	4	FA54L	50K	4
FA751R	750	2	FA54R	50K	2
FB751R	750	2	FB54A	50K	1
FC751R	750	2	FB54L	50K	4
FA13L	1000	4	FC54L	50K	4
FB13L	1000	4	FE54L	50K	1
FC13L	1000	2	FE54L	50K	4
FA13R	1000	2	FD54L	50K	4
FB13L	1000	4	FF54A	50K	1
FC13R	1000	2	FG54L	50K	4
FA23L	1000	4	FH54L	50K	4
FB23L	1000	2	FA753L	75K	4
FC23L	1000	2	FA15A	100K	1
FA152L	1500	4	FE15A	100K	1
FB152R	1500	2	FA15L	100K	4
FC152R	1500	2	FB15L	100K	4
FA152L	1500	4	FC15L	100K	4
FB152R	1500	2	FD15L	100K	4
FC152R	1500	2	FF15A	100K	1
FA23L	2000	4	FG15L	100K	4
FB23R	2000	2	FH15A	100K	1
FC23L	2000	2	FA15L	100K	4
FA23R	2000	2	FB15L	100K	4
FB23R	2000	2	FC15L	100K	4
FC23R	2000	2	FD15L	100K	4
FA23L	2000	4	FE15A	100K	1
FA252L	2500	4	FJ15A	100K	1
FB252R	2500	2	FK15L	100K	4
FC252R	2500	2	FL15L	100K	4
FA252L	2500	2	FM15L	100K	4
FB252R	2500	2	FN15L	100K	4
FC252R	2500	2	FO15L	100K	4
FA33L	3000	4	FR15L	100K	4
FB33R	3000	2	FB124LS	120K*	4
FC33L	3000	4	FA154L	150K	4
FA33R	3000	2	FB154L	150K	4
FB33R	3000	2	FD154L	150K	4
FC33L	3000	2	FA25L	200K	4
FA33L	3000	4	FC25L	200K	4
FB33R	3000	2	FD25L	200K	4
FC33L	3000	2	FI25A	200K	1
FA353L	5000	2	FD253L	225K	4
FB353L	5000	2	FA254A	250K	1
FC353L	5000	2	FA254L	250K	4
FA353L	5000	1	FD254A	250K	1
FB353L	5000	1	FE254L	250K	4
FC353L	5000	1	FF254A	250K	1
FA63L	6000	4	FG254A	250K	1
FE682L	6800	4	GH254L	250K	4
FB682L	6800	4	FH254A	250K	1
FC682L	6800	4	FI254A	250K	1
FA14A	10K	4	FB35L	300K	4
FB14L	10K	2	FC35A	300K	1
FC14L	10K	4	FF35A	300K	1
FD14R	10K	2	FJ35A	300K	1
FE14L	10K	4	FK45L	400K	4
FF14A	10K	1	FA55A	500K	1
●FF14L	10K	4	FA55L	500K	2
●FG14A	10K	1	FA55R	500K	1
●FH14L	10K	4	FB55L	500K	4
●FI14A	10K	1	FC55A	500K	1

Capacitors

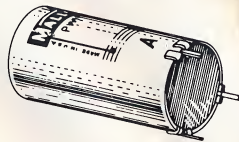
CARDBOARD TUBULAR WAX-FILLED ELECTROLYTICS



Very high quality aluminum electrolytics in wax-filled cardboard tubes with mounting straps and 5° insulated leads. All values have exclusive Mallory safety vent and feature all-welded internal construction. **Temperature Range:** -20° C to +65° C. **Tolerance:** -10%, +250% up to 50 WVDC; -10%, +100% 51 to 350 WVDC; -10%, +50% 450 WVDC and up. WQ240 is special double ended design.

Mall. No.	Cap., μ F at WVDC	Size, In. D. x L.	Net Each
WS342	200 at 200	1 1/8 x 2 1/8	\$1.84
WS427	140 at 300	1 1/4 x 2 1/8	2.05
WS560	150 at 400	1 1/4 x 3 1/8	2.64
WS730	100 at 450	1 1/8 x 3 3/8	2.63
WD210	50-30 at 150	3/4 x 2 1/8	1.24
WD215	50-50 at 150	7/8 x 2 1/8	1.30
WD220	70-30 at 150	7/8 x 2 1/8	1.30
WD235	100-50 at 150	1 x 2 1/8	1.56
WD270	120-120 at 150	1 x 2 1/8	1.87
WD251	250-50 at 160	1 1/8 x 2 1/8	2.18
WD340	60-125 at 200-50	1 1/8 x 2 1/8	1.54
WD345	5-200 at 200-200	1 1/8 x 3 1/8	2.05
WD355	250-120 at 200-200	1 1/8 x 3 1/8	2.92
WD410	200-100 at 300-50	1 1/8 x 4 1/8	2.93
WD446	100-150 at 350-300	1 1/8 x 3 3/8	3.40
WD448	150-100 at 350-300	1 1/8 x 4 1/8	3.49
WD450	5-140 at 350-350	1 1/8 x 4 1/8	2.54
WT201	60-40-250 at 150-150-15	1 x 2 1/8	1.72
WT240	60-60-100 at 150-150-25	1 1/8 x 2 1/8	1.72
WT312	250-120-50 at 160-160-100	1 3/8 x 3 1/8	2.31
WT217	40-40-20 at 150	1 x 2 1/8	1.58
WT316	150-150-150 at 150	1 1/4 x 3 3/8	2.81
WT350	150-150-20 at 200	1 1/8 x 4 1/8	2.78
WT360	200-250-10 at 200	1 1/8 x 3 3/8	3.58
WT430	100-60-100 at 300-300-50	1 1/4 x 3 3/8	2.74
WT434	120-40-100 at 300-300-50	1 1/4 x 3 3/8	2.74
WT407	70-50-30 at 300-300-250	1 1/4 x 3 3/8	2.41
WT447	10-100-200 at 350-150-150	1 3/8 x 2 1/8	2.47
WT449	140-5-200 at 350-300-200	1 3/8 x 4 1/8	3.60
WT455	100-40-40 at 350-350-250	1 3/8 x 4 1/8	2.90
WT458	60-60-60 at 350-350-300	1 1/4 x 4 1/8	2.93
WT460	60-60-4 at 350	1 1/4 x 3 3/8	2.49
WT565	100-75-70 at 400-400-25	1 1/2 x 4 1/8	3.41
WT630	5-40-80 at 450-400-400	1 3/8 x 4 1/8	2.72
WT700	10-10-150 at 450-450-50	1 1/8 x 2 1/8	1.85
WQ209	60-40-20-200 at 150-150-150-10	1 x 2 1/8	1.93
WQ215	40-20-20-100 at 150-150-150-25	1 x 2	1.77
WQ230	40-40-20-20 at 150-150-150-25	1 1/8 x 2 1/8	1.70
WQ250	60-40-40-20 at 150-150-150-25	1 x 2 1/8	1.91
WQ240	10-10-40-200 at 150-150-150-35	1 1/8 x 2	1.74
WQ290	60-50-40-20 at 150	7/8 x 2 1/8	1.90
WQ401	140-4-50-4 at 300-300-150-150	1 3/8 x 3 1/8	2.88
WQ405	120-40-40-10 at 300-300-300-250	1 3/8 x 3 3/8	3.18
WQ511	140-5-200-100 at 350-300-200-150	1 3/8 x 4 1/8	4.27
WQ505	140-5-200-30 at 350-300-200-200	1 1/2 x 4 1/8	4.06
WQ515	40-20-20-100 at 350-300-250-50	1 1/4 x 2 1/8	2.34
WQ525	50-40-20-50 at 350-350-350-50	1 1/4 x 3 3/8	2.59
WQ520	150-100-20-100 at 350-350-350-50	1 1/2 x 4 1/8	4.33
WQ635	25-100-10-50 at 450-300-300-50	1 3/8 x 3 3/8	2.98
WQ640	10-80-40-40 at 450-300-300-300	1 1/4 x 4 1/8	2.94
WQ650	10-40-80-100 at 450-300-400-50	1 1/4 x 4 1/8	3.07
WQ775	10-20-20-40 at 450	1 1/4 x 3 3/8	3.02
WQ795	20-20-40-40 at 450	1 1/4 x 4 1/8	3.53
WV404	40-20-20-20-50 at 300-300-300-300-50	1 1/4 x 3 3/8	2.58

PRINTED CIRCUIT CARDBOARD TUBULAR ELECTROLYTICS

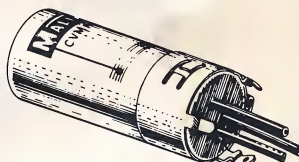


Dual and triple section types for exact replacement in popular home entertainment equipment. Fit printed circuit boards exactly. Same specifications as W series.

Mallory No.	Cap., μ F	WVDC	Size, In. Dia. x L.	Net Each
PWD211	50-30	150*	1x2	\$1.26
PWD221	50-50	150*	1x2 1/8	1.44
PWD231	75-30	150*	1x2 1/8	1.34
PWD240	80-30	150*	1x2 1/8	1.35
PWD252	80-50	150*	1x2 1/8	1.42
PWD253	80-50	200*	1x2 1/8	1.58
PWD263	100-50	150*	1x2 1/8	1.50
PWT205	30-25-20	150*	1 1/8 x 1 1/8	1.44
PWT225	50-30-20	150*	1x2	1.52
PWT245	60-20-5	150*	1x2 1/8	1.47
PWT260	60-80-20	150*	1x2 1/8	1.71
PWT275	80-40-150	150-150-25	1x2 1/8	1.69
PWT285	80-60-250	150-150-25	1 1/8 x 2 1/8	1.83
PWT360	60-120-20	200*	1 1/8 x 2 1/8	2.12

*WVDC each section.

● "SNAP-CAP" CARDBOARD TUBULAR ELECTROLYTICS



"Snap-Cap" CVM wax-filled cardboard tubular electrolytics snap firmly into FP type mounting plates. Will not shake or vibrate loose, yet are easily removed if necessary. Furnished with color-coded insulated wire leads and exclusive safety vent. **Temp. Range:** -20° C to +65° C. **Tolerance:** -10%, +100%.

Mallory No.	Cap., μ F	WVDC*	Size, In.	Net Each
CVM2316	40-40	150	1x2	\$1.23
CVM2225	50-30	150	1x2	1.10
CVM2200	80-20	150	1x2 1/2	1.28
CVM3200	20-80-20	150	1x2 1/2	1.46
CVM3300	40-30-20	150	1x2	1.39
CVM3375	50-50-20	150	1x2 1/2	1.46
CVM3325	60-40-20	150	1x2 1/2	1.46
CVM3350	80-40-20	150	1x2 1/2	1.51
CVM3210	150-20-20	150	1x3	1.64

*WVDC each section.

ANTENNA ROTATOR CAPACITORS



Exact replacement capacitors for all popular antenna rotators. Especially engineered to withstand rugged climate and humidity conditions.

Mall. No.	Cap., μ F at VAC	Size, In. D. x L.	Net Each
ST75	70-92 at 50 VAC	7/8 x 2 1/8	\$0.75
ST76	66.2-76 at 50 VAC	7/8 x 2 1/8	.75
ST80	75-90 at 65 VAC	7/8 x 2 1/8	.90
ST100	100-120 at 50 VAC	1 x 2 1/8	1.02
ST156	130 at 50 VAC	7/8 x 2 1/8	.90
ST240	210-240 at 50 VAC	1 x 3	1.29
ST290	210-290 at 50 VAC	1 x 3 1/8	1.29

HIGH-RELIABILITY TUBULAR ELECTROLYTICS



TPG capacitors are premium grade electrolytics in precision tubular cases. They are especially suited to those applications which require the utmost in reliability and long-life performance (communications, computers, instruments, etc.). Internal construction is all-welded for minimum loss. DCL is exceptionally low. The TPG has a positive end seal and exclusive safety vent. Furnished with shrink-fit insulating sleeve. **Temperature Range:** -40° C to +85° C. **Tolerance:** -10%, +100%.

Mallory No.	Cap., μ F	WVDC	Size	Net Each
TPG120T3	120	3	A	\$1.81
TPG180T3	180	3	B	1.82
TPG330T3	330	3	C	1.83
TPG385T3	385	3	D	1.85
TPG450T3	450	3	E	1.86
TPG80T6	80	6	A	1.81
TPG120T6	120	6	B	1.82
TPG220T6	220	6	C	1.83
TPG260T6	260	6	D	1.85
TPG300T6	300	6	E	1.86
TPG65T10	65	10	A	1.81
TPG100T10	100	10	B	1.82
TPG175T10	175	10	C	1.83
TPG210T10	210	10	D	1.85
TPG240T10	240	10	E	1.86
TPG45T15	45	15	A	1.81
TPG70T15	70	15	B	1.82
TPG125T15	125	15	C	1.83
TPG150T15	150	15	D	1.85
TPG175T15	175	15	F	1.86
TPG30T25	30	25	A	1.81
TPG45T25	45	25	B	1.82
TPG85T25	85	25	C	1.83
TPG100T25	100	25	D	1.85
TPG115T25	115	25	E	1.86
TPG25T30	25	30	A	1.81
TPG35T30	35	30	B	1.82
TPG65T30	65	30	C	1.83
TPG75T30	75	30	D	1.85
TPG90T30	90	30	E	1.86
TPG12T50	12	50	A	1.81
TPG18T50	18	50	B	1.82
TPG35T50	35	50	C	1.83
TPG40T50	40	50	D	1.85
TPG50T50	50	50	E	1.86
TPG10T75	10	75	A	1.81
TPG15T75	15	75	B	1.82
TPG25T75	25	75	C	1.83
TPG30T75	30	75	D	1.85
TPG40T75	40	75	E	1.86
TPG7T100	7	100	A	1.81
TPG10T100	10	100	B	1.82
TPG15T100	15	100	C	1.83
TPG20T100	20	100	D	1.85
TPG30T100	30	100	E	1.86
TPG1T150	1	150	A	1.81
TPG2T150	2	150	A	1.81
TPG3T150	3	150	A	1.81
TPG4T150	4	150	A	1.81
TPG5T150	5	150	A	1.81
TPG7T150	7	150	B	1.82
TPG10T150	10	150	C	1.83
TPG15T150	15	150	D	1.85
TPG20T150	20	150	E	1.86

*TPG CASE SIZES: 3/8" DIA. X

Code	A	B	C	D	E
Length	1 1/16"	1 1/8"	1 1/2"	1 3/8"	1 5/8"

PHOTOFLASH CAPACITORS

Especially engineered capacitors for photoflash use.

HC45003—300 μ F, 450 WV DC. Plastic case, 2 1/4" dia. x 4 3/8". Max. DCL (at 5 min.) 5.5 mA. Net Each... **\$8.47**

FF45052—525 μ F, 450 WV DC. Plastic case, 2 1/4" dia. x 4 3/8". Max. DCL (at 5 min.) 2.0 mA. Net Ea... **\$13.50**

FP240—Specially engineered FP capacitor for photoflash use. Dual separate section, 50 μ F at 450 WVDC each section. May be used in parallel for 100 μ F. Supplied with cardboard insulating tube. Uses standard FP mounting plate. Net Each... **\$2.31**



Carbon Controls

MIDGETROLS®
Mallory Midgetrols are used in both replacement and industrial applications. Rated 1 watt linear $\frac{1}{4}$ watt audio taper. $\frac{15}{16}$ " dia. **Tapers:** 1, left hand audio; 2, reverse audio; 4, linear.

BUSHING MOUNT—METAL SHAFT
 $\frac{3}{4}$ "-32 x $\frac{3}{8}$ " bushing; shaft $\frac{1}{4}$ " dia. x 2 $\frac{3}{4}$ " FMS (Front Mounting Surface). Furnished with two knob adapters and hex nut. **Mallory U Midgetrols—Without** \$1.02 taps. Net Each. **Mallory U Midgetrols—Single or** \$1.26 double taps. Net Each.

WITHOUT TAPS					
Mall. No.	Resis., Ohms	Taper	Mall. No.	Resis., Ohms	Taper
U1	100	4	U35	50K	4
U2	500	4	U36	75K	1
U52R	500	2	U39	100K	1
U751R	750	2	U40	100K	2
U3	1K	2	U41	100K	4
U4	1K	4	U415	125K	4
U5	1500	2	U42	150K	1
U5L	1500	4	U43	200K	4
U6	2K	4	U44	250K	1
U7	2500	2	U45	250K	2
U8	3K	4	U46	250K	4
U9	3K	2	U48	500K	1
U12	5K	1	U50	500K	4
U14	5K	4	U51	750K	1
U18	10K	1	U52	1 meg	2
U19	10K	2	U53	1 meg	1
U20	10K	4	U54	1 meg	4
U21	15K	1	U155	1.5 megs	4
U22	15K	2	U55	2 megs	1
U24	20K	1	U56	2 megs	4
U26	20K	4	U255	2.5 megs	4
U28	25K	2	U57	3 megs	1
U28A	25K	1	U59	3 megs	4
U29	25K	4	U63	5 megs	2
U30	30K	4	U65	5 megs	1
U33	50K	1	U67	5 megs	4
U34	50K	2	U82	10 megs	4

SINGLE TAPPED					
Mall. No.	Resis., Ohms	Tap At	Mall. No.	Resis., Ohms	Tap At
UT153	15K	10K	UT440	1	200K
UT415	30K	25K	UT443	1	450K
UT420	250K	50K	UT450	2	125K
UT421	250K	150K	UT448	2	250K
UT425	350K	70K	UT449	2	600K
UT427	500K	100K	UT454	2	400K
UT429	500K	50K	UT451	2	900K
UT430	500K	150K	UT457	3	900K
UT431	500K	225K	UT461	3 1/4	300K
UT438	1 meg	300K			

DOUBLE TAPPED				
Mallory No.	Resistance, Ohms	Taps at		
		Tap 1	Tap 2	
UDT283	500K	100K	200K	
UDT289	1 meg	250K	500K	
UDT291	1.5 megs	225K	500K	
UDT295	2.25 megs	250K	500K	
UDT296	2.25 megs	500K	1 meg	
UDT303	3.3 megs	300K	1.5 megs	

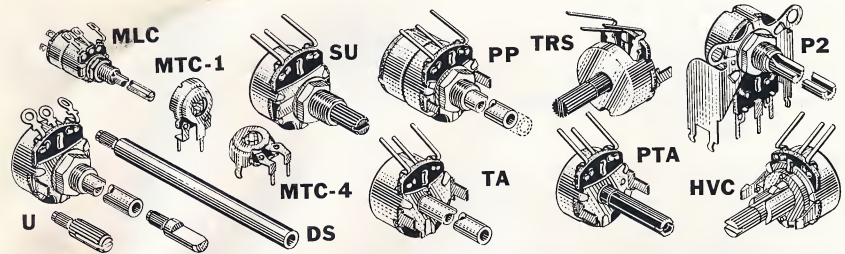
BUSHING MOUNT—NYLON SHAFT
Same bushing as U type. Shaft $\frac{1}{4}$ " dia. x $\frac{1}{2}$ " FMS nylon. **Mallory SU Midgetrols—Net Each.** \$93c

Mallory No.	Resis., Ohms	Taper	Mallory No.	Resis., Ohms	Taper
SU6	1500	4	SU50	500K	4
SU8	3K	4	SU54	1 meg	4
SU14	5K	4	SU56	2 megs	4
SU20	10K	4	SU565	2.5 megs	4
SU29	25K	4	SU59	3 megs	4
SU35	50K	4	SU67	5 megs	4
SU41	100K	4	SU69	7.5 megs	4
SU46	250K	4			

TAB MOUNT—METAL SHAFT
Mounts on two twist-tab lugs. Shaft $\frac{1}{4}$ " dia. x 2 $\frac{3}{4}$ " FMS. Furnished with two knob adapters. **Mallory TA Midgetrols—Net Each.** \$75c

Mallory No.	Resis., Ohms	Taper	Mallory No.	Resis., Ohms	Taper
TA52L	500	4	TA334A	330K	4
TA751L	750	4	TA55R	500K	2
TA13L	1000	4	TA55A	500K	1
TA152L	1500	4	TA55L	500K	4
TA352L	3500	4	TA16A	1 meg	1
TA53L	5000	4	TA16L	1 meg	4
TA14L	10K	4	TA155L	1.5 megs	4
TA153L	15K	4	TA26A	2 megs	1
TA253L	25K	4	TA26L	2 megs	4
TA54A	50K	1	TA26T16	2 megs*	4
TA54L	50K	4	TA255L	2.5 megs	4
TA15L	100K	4	TA36L	3 megs	4
TA184L	180K	4	TA56R	5 megs	2
TA254L	250K	4	TA56L	5 megs	4

*Tap at 1 meg.—Net Each. \$99c



TAB MOUNT—NYLON SHAFT
Same as TA except has $\frac{1}{4}$ " dia. x 1" FMS nylon shaft. Furn. with 2" shaft extender. **Mallory PTA Midgetrols—Net Ea.** \$60c

Mallory No.	Resis., Ohms	Taper	Mallory No.	Resis., Ohms	Taper
PTA52L	500	4	PTA55L	500K*	4
PTA751L	750	4	PTA754L	750K*	4
PTA152L	1500	4	PTA1254L	1.25	4
PTA252L	2500	4	PTA26L	2	4
PTA352L	3500	4	PTA355L	3.5	4
PTA53L	5000	4	PTA46A	4	1
PTA54L	50K	4	PTA56R	5	2
PTA15L	100K	4	PTA56L	5	4
PTA35L	300K	4	PTA755L	7.5	4
PTA55R	500K	2	PTA855L	8.5	4

*Ohms.
SWITCHES, SHAFT EXTENDERS
Switches for U, UT, UDT or TA controls.

Mall. No.	Description	Net
US26	SPST, 6 amps at 125 VAC	42c
US26T	SPST, w/dummy terminal	51c
US27	DPST, 6 amps at 125 VAC	51c
US28	SPDT, 3 amps at 125 VAC	51c
DS36	$\frac{3}{4}$ " dia. x 2 1/4"	33c
DS37	$\frac{1}{2}$ " dia. x 2 1/4"	33c

BUSHING MOUNT WITH P-P SWITCH
Standard U control with SPST 6 amps at 125 VAC push-pull switch, U/L Approved. Shaft $\frac{1}{4}$ " dia. x 2" FMS. Furnished with knob adapters and hex nut.

Mallory Number	Resis., Ohms	Tap, Ohms	Taper	Net Each
PP13R	1K	.....	2	\$1.35
PP252R	2.5K	.....	2	1.35
PP15A	100K	.....	1	1.35
PP25L	200K	.....	4	1.35
PP254A	250K	.....	1	1.35
PP254DT154	250K	100K-150K	4	1.59
PP55A	500K	.....	1	1.35
PP55L	500K	.....	4	1.35
PP55DT1683	500K	78K-168K	4	1.59
PP55T25	500K	200K	4	1.59
PP55T254	500K	250K	1	1.59
PP16A	1 meg	.....	1	1.35
PP16L	1 meg	.....	4	1.35
PP16T15	1 meg	100K	1	1.59
PP16T25	1 meg	200K	1	1.59
PP16DT55	1 meg	250K-500K	4	1.59
PP16T55	1 meg	500K	2	1.59
PP155L	1.5 megs	.....	4	1.35
PP26A	2 megs	.....	1	1.35
PP26DT16	2 megs	500K-1meg	1	1.59
PP26T16	2 megs	1 meg	4	1.59
PP36DT26	3 megs	1 & 2 megs	4	1.59
PP36L	3 megs	.....	4	1.35
PP46T26	4 megs	2 megs	4	1.59
PP56L	5 megs	.....	4	1.35

PRINTED CIRCUIT MOUNTING
Universal printed circuit control with "doghouse" and $\frac{3}{4}$ "-32 x $\frac{3}{8}$ " bushing and $\frac{1}{4}$ " dia. x 3" FMS universal shaft. Switches rated 6 amps at 125 VAC. U/L Approved. **Mallory P2 Midgetrols—Without** \$1.11 taps. Net Each. **Mallory P2 Midgetrols—Single or double** \$1.35 tapped. Net Each. **Mallory P2 Midgetrols—With SPST** switch. Net Each. \$1.53 **Mallory P2 Midgetrols—With DPST** switch. Net Each. \$1.62

Mallory No.	Resis., Ohms	Tap #1	Tap #2	Taper	Switch
P2-252AS	2.5K	.....	.....	1	SPST
P2-53LS	5K	.....	.....	4	SPST
P2-14AD	10K	.....	.....	1	DPST
P2-153AD	15K	.....	.....	1	DPST
P2-55A	500K	.....	.....	1	SPST
P2-55AS	500K	.....	.....	1	SPST
P2-55T254	500K	250K	.....	1	SPST
P2-55LS	500K	.....	.....	4	SPST
P2-16A	1 meg	.....	.....	1	SPST
P2-16AS	1 meg	.....	.....	1	SPST
P2-16AD	1 meg	.....	.....	1	DPST
P2-16T35	1 meg	300K	.....	1	DPST
P2-16L	1 meg	.....	.....	4	DPST
P2-26A	2 megs	.....	.....	1	SPST
P2-26AS	2 megs	.....	.....	1	SPST
P2-26DT65	2 megs	300K	600K	1	.....
P2-36L	3 megs	.....	.....	4	.....

TAB MOUNT—REVERSE NYLON SHAFT
Same as PTA except $\frac{1}{4}$ " dia. nylon shaft projects $\frac{3}{4}$ " out REAR of control. Screw-driver slot in mounting end of shaft. **Mallory TRS Midgetrols—Net Ea.** \$54c

Mall. No.	Ohms	T'p'r	Mall. No.	Ohms	T'p'r
TRS12L	100	4	TRS25L	200K	4
TRS351L	350	4	TRS254L	250K	4
TRS751L	750	4	TRS55L	500K	4
TRS53L	5K	4	TRS754L	750K	4
TRS153L	15K	4	TRS16L	1 meg	4
TRS253L	25K	4	TRS26A	2 megs	1
TRS44L	40K	4	TRS26L	2 megs	4
TRS74L	70K	4	TRS36L	3 megs	4
TRS15A	100K	1	TRS46A	4 megs	1
TRS15L	100K	4	TRS56L	5 megs	4

HIGH VOLTAGE MIDGETROL®
To isolate control mounting from up to 4000 volts rms. Snap mount of nylon and $\frac{1}{4}$ " dia. x $\frac{3}{4}$ " FMS nylon shaft. **Mallory HVC Midgetrols—Net Ea.** \$1.02

Mallory No.	Resistance	Taper
HVC63L	6000 ohms	4
HVC155L	1.5 megs	4
HVC355L	3.5 megs	4

SUBMINIATURE MINITROLS®
Only $\frac{1}{8}$ " dia. Rated $\frac{1}{4}$ watt linear, $\frac{1}{4}$ watt audio. $\frac{1}{8}$ "-32 x $\frac{1}{4}$ " bushing with nut. Shaft: $\frac{1}{8}$ " dia. x 1" FMS. MLC (steel); MLCN (nylon). SPST switch rated 2 amps at 125 VAC. U/L Approved. MTC has open screwdriver slot.

Mallory No.	Ohms	Taper	Switch	Net
MLC13L	1000	4	.....	\$1.14
MLC222LS	2200	4	SPST	1.86
MLC252A	2500	1	.....	1.14
MLC252AS	2500	1	SPST	1.86
MLC53A	5000	1	.....	1.14
MLC53AS	5000	1	SPST	1.86
MLC53L	5000	4	.....	1.14
MLC53LS	5000	4	SPST	1.86
MLC14AS	10K	1	SPST	1.86
MLC14L	10K	4	.....	1.14
MLC54L	50K	4	.....	1.14
MLC15A	100K	1	.....	1.14
MLC15L	100K	4	.....	1.14
MLC25L	200K	4	.....	1.14
MLC254L	250K	4	.....	1.14
MLC55A	500K	1	.....	1.14
MLC55AS	500K	1	SPST	1.86
MLC55LS	500K	4	SPST	1.86
MLC55L	500K	4	.....	1.14
MLC16AS	1 meg	1	SPST	1.86
MLC16LS	1 meg	4	SPST	1.86
MLC16A	1 meg	1	.....	1.14
MLC16L	1 meg	4	.....	1.14

PRINTED CIRCUIT MOUNT
Linear taper. Net Each. \$39c

Mallory Number	Resis., Ohms
Vert. Mtg.	
MTC12L1	100
MTC22L1	200
MTC251L1	250
MTC32L1	300
MTC52L1	500
MTC751L1	750
MTC13L1	1000
MTC152L1	1500
MTC23L1	2000
MTC33L1	3000
MTC53L1	5000
MTC63L1	6000
MTC682L1	6800
MTC14L1	10K
MTC153L1	15K
MTC24L1	20K
MTC253L1	25K
MTC54L1	50K
MTC15L1	100K
MTC124L1	120K
MTC184L1	180K
MTC254L1	250K
MTC3253L1	325K
MTC454L1	450K
MTC55L1	500K
MTC16L1	1 meg
MTC26L1	2 megs
MTC355L1	3.5 megs
Horiz. Mtg.	
MTC12L4	100
MTC22L4	200
MTC251L4	250
MTC32L4	300
MTC52L4	500
MTC751L4	750
MTC13L4	1000
MTC152L4	1500
MTC23L4	2000
MTC33L4	3000
MTC53L4	5000
MTC63L4	6000
MTC682L4	6800
MTC14L4	10K
MTC153L4	15K
MTC24L4	20K
MTC253L4	25K
MTC54L4	50K
MTC15L4	100K
MTC124L4	120K
MTC184L4	180K
MTC254L4	250K
MTC3253L4	325K
MTC454L4	450K
MTC55L4	500K
MTC16L4	1 meg
MTC26L4	2 megs
MTC355L4	3.5 megs

Industrial Capacitors

HIGH CAPACITY DRY ELECTROLYTICS



HC and NP capacitors are furnished in heavy-duty molded phenolic cases with integral safety vent. HC types are polarized; NP types are non-polarized. **Temp. Range:** -20° C to +85° C. **Tolerance:** Type HC—0-50 WVDC, -10%, +150%; 51-350 WVDC, -10%, +100%; 351 WVDC up, -10%, +50%. Type NP—±25%, all units.

POLARIZED TYPE HC

Mallory No.	Cap., μ F	WV DC	Size	Net Each
HC1020A	2,000	10	1	\$ 3.36
HC1040A	4,000	10	2	4.60
HC1060A	6,000	10	3	5.20
HC1080	8,000	10	4	6.00
HC10100	10,000	10†	5	7.82
HC10120	12,000	10	7	7.14
HC10150	15,000	10	7	7.67
HC1520A	2,000	15	1	3.47
HC1540A	4,000	15	3	5.37
HC1560A	6,000	15	4	5.62
HC1580	8,000	15	7	6.62
HC15100	10,000	15	7	7.14
HC2050-50	2x5,000	20	7	8.00
HC2060	6,000	20	7	6.60
HC2060A	6,000	20†	5	6.11
HC20250	25,000	20	9	12.88
HC2510A	1,000	25	1	3.19
HC2520A	2,000	25	2	4.15
HC2530	3,000	25	4	4.88
HC2540A	4,000	25	4	5.58
HC2550	5,000	25	7	6.30
HC4040	4,000	40	7	7.54
HC4040A	4,000	40	5	6.98
HC4060	6,000	40	7	7.91
HC5005	500	50	2	3.60
HC5005A	500	50	1	3.33
HC5010A	1,000	50	2	4.25
HC5020A	2,000	50	4	5.06
HC5030	3,000	50	7	7.00
HC5040	4,000	50	7	7.32
HC8005	500	80	2	3.85
HC8010	1,000	80	4	5.34
HC8020	2,000	80	7	6.62
HC10005	500	100	2	4.20
HC10010	1,000	100	5	5.86
HC10015	1,500	100	6	6.44
HC15005	500	150	4	5.09
HC15010	1,000	150	7	6.89
HC15010A	1,000	150	5	6.44
HC20002	200	200	4	4.08
HC20005	500	200	7	5.97
HC20005A	500	200	4	5.53
HC25001	100	250	2	4.59
HC25002	200	250	4	4.88
HC25003	300	250	5	5.37
HC25004	400	250	7	5.64
HC35001	100	350	4	4.88
HC35002	200	350	5	5.93
HC35003	300	350	7	6.97
HC45001	100	450	4	5.97
HC45002	200	450	7	7.47
HC45003	300	450	7	8.47

NON-POLARIZED TYPE NP

Mallory No.	Cap., μ F	WV DC	Size	Net Each
NP0340	2,000	25	7	\$ 5.43
NP0555	500	50	5	4.38
NP1225A	200	125	2	4.04
NP1235A	300	125	4	4.87
NP1245	400	125	7	5.69
NP1255A	500	125	5	6.30
NP2514	100	250	5	5.95
NP2520	150	250	5	6.15
NP2525	200	250	7	6.34
NP3003A	15	300	1	2.87
NP3006	30	300	2	3.85
NP3008	50	300	2	5.25
NP3014A	100	300	4	6.13
NP3020	150	300	7	6.56
NP3025	200	300	7	7.00
NP4503	30	450	2	4.90
NP4505	50	450	4	6.30
NP4510	100	450	7	7.70

†Semi-polarized.

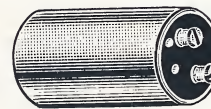
*HC AND NP CASE SIZES

Code	Size, In.	Use Hardware No. for
	Dia. x Lg.	Cap. Brkt. Clamp
1	1 1/4 x 2 3/4	PL3, PLA3 HB2 VR3
2	1 1/4 x 3 3/4	PL3, PLA3 HB4 VR3
3	1 1/4 x 4 3/4	PL3, PLA3 HB8 VR3
4	1 1/2 x 3 3/4	PL6, PLA6 HB4 VR6
5	1 1/2 x 4 3/4	PL6, PLA6 HB8 VR6
6	2 1/16 x 3 3/4	PL8, PLA8 HB4 VR8
7	2 1/16 x 4 3/4	PL8, PLA8 HB8 VR8
8	1 1/2 x 4 3/4	VR4
9	3 x 4 3/4	VR12

COMPUTER GRADE CAPACITORS

Ultra-reliable, high capacity aluminum electrolytic capacitors. Exclusive safety vent provides positive protection. Furnished with Mylar† insulating sleeve. **Temp. Range:** -20° C to +85° C. **Tolerance:** 0-150 WVDC, -10, +75% (U); 151 WVDC up, -10, +50% (T).

†DuPont trademark.



Mallory No.	Cap., μ F	WV DC	Size	Net Each
CG552U3A1	5,500	3	A	\$1.44
CG1052U3B1	10,500	3	B	1.58
CG143U3C1	14,000	3	C	2.05
CG1752U3H1	17,500	3	H	2.38
CG233U3K1	23,000	3	K	2.75
CG243U3J1	24,000	3	J	2.85
CG363U3D1	36,000	3	D	3.40
CG54U3E1	50,000	3	E	4.36
CG753U3F1	75,000	3	F	5.44
CG1153U3G1	115,000	3	G	6.52
CG442U5A1	4,400	5	A	1.31
CG852U5B1	8,500	5	B	1.82
CG1252U5C1	12,500	5	C	2.43
CG143U5H1	14,000	5	H	2.50
CG1852U5K1	18,500	5	K	2.74
CG24U5J1	20,000	5	J	2.86
CG2752U5D1	27,500	5	D	3.32
CG453U5E1	45,000	5	E	4.31
CG653U5F1	65,000	5	F	5.40
CG15U5G1	100,000	5	G	6.83
CG322U10A1	3,200	10	A	1.50
CG63U10B1	6,000	10	B	1.88
CG822U10C1	8,200	10	C	2.19
CG14U10H1	10,000	10	H	2.43
CG1352U10K1	13,500	10	K	2.67
CG143U10J1	14,000	10	J	2.70
CG183U10D1	18,000	10	D	3.32
CG34U10E1	30,000	10	E	5.09
CG4352U10F1	43,500	10	F	6.21
CG683U10G1	68,000	10	G	6.74
CG252U15A1	2,500	15	A	1.40
CG452U15B1	4,500	15	B	2.01
CG642U15C1	6,400	15	C	2.07
CG83U15H1	8,000	15	H	2.38
CG1052U15K1	10,500	15	K	2.62
CG113U15J1	11,000	15	J	2.67
CG143U15D1	14,000	15	D	3.47
CG233U15E1	23,000	15	E	4.87
CG343U15F1	34,000	15	F	5.39
CG533U15G1	53,000	15	G	6.64
CG152U25A1	1,500	25	A	1.36
CG282U25B1	2,800	25	B	1.71
CG382U25C1	3,800	25	C	1.96
CG452U25H1	4,500	25	H	2.13
CG63U25K1	6,000	25	K	2.50
CG652U25J1	6,500	25	J	2.62
CG852U25D1	8,500	25	D	3.01
CG1352U25E1	13,500	25	E	4.66
CG24U25F1	20,000	25	F	5.05
CG3152U25G1	31,500	25	G	6.33
CG82U50A1	800	50	A	1.40
CG152U50B1	1,500	50	B	1.77
CG23U50C1	2,000	50	C	1.82
CG252U50H1	2,500	50	H	1.94
CG332U50K1	3,300	50	K	2.51
CG352U50J1	3,500	50	J	2.47
CG452U50D1	4,500	50	D	2.67
CG732U50E1	7,300	50	E	4.14
CG14U50F1	10,000	50	F	5.17
CG1652U50G1	16,500	50	G	6.36
CG62U75A1	600	75	A	1.47
CG13U75B1	1,000	75	B	1.92
CG152U75C1	1,500	75	C	2.19
CG23U75H1	2,000	75	H	2.38
CG252U75K1	2,500	75	K	2.85
CG262U75J1	2,600	75	J	2.86
CG345U75D1	3,450	75	D	3.11
CG552U75E1	5,500	75	E	4.87
CG822U75F1	8,200	75	F	5.75
CG1252U75G1	12,500	75	G	6.89
CG42U100A1	400	100	A	1.46
CG75U100B1	750	100	B	1.82
CG13U100C1	1,000	100	C	2.11
CG132U100H1	1,300	100	H	2.30
CG165U100K1	1,650	100	K	2.38
CG172U100J1	1,700	100	J	2.42
CG225U100D1	2,250	100	D	3.15
CG362U100E1	3,600	100	E	4.64
CG532U100F1	5,300	100	F	5.32
CG832U100G1	8,300	100	G	7.01
CG275U150A1	275	150	A	1.31
CG52U150B1	500	150	B	1.84
CG72U150C1	700	150	C	2.05
CG875U150H1	875	150	H	2.20
CG112U150K1	1,100	150	K	2.36
CG115U150J1	1,150	150	J	2.42
CG155U150D1	1,550	150	D	3.13
CG252U150E1	2,500	150	E	4.56
CG362U150F1	3,600	150	F	5.41
CG562U150G1	5,600	150	G	7.01
CG181T200A1	180	200	A	1.46
CG341T200B1	340	200	B	1.74
CG451T200C1	450	200	C	1.93
CG551T200H1	550	200	H	2.09
CG751T200K1	750	200	K	2.57
CG82T200J1	800	200	J	2.65
CG13T200D1	1,000	200	D	3.48

Mallory No.	Cap., μ F	WV DC	Size	Net Each
CG1651T200E1	1,650	200	E	\$3.86
CG2451T200F1	2,450	200	F	5.25
CG382T200G1	3,800	200	G	7.26
CG141T250A1	140	250	A	1.70
CG2750T250B1	275	250	B	1.88
CG3750T250C1	375	250	C	2.01
CG451T250H1	450	250	H	2.08
CG62T250K1	600	250	K	2.23
CG6250T250J1	625	250	J	2.43
CG82T250D1	800	250	D	3.65
CG132T250E1	1,300	250	E	4.87
CG192T250F1	1,900	250	F	5.85
CG33T250G1	3,000	250	G	7.40
CG121T300A1	120	300	A	1.76
CG2250T300B1	225	300	B	2.01
CG3250T300C1	325	300	C	2.25
CG42T300H1	400	300	H	2.38
CG5250T300K1	525	300	K	2.52
CG551T300J1	550	300	J	2.55
CG72T300D1	700	300	D	3.66
CG1151T300E1	1,150	300	E	5.60
CG1651T300F1	1,650	300	F	6.45
CG262T300G1	2,600	300	G	7.57
CG12T350A1	100	350	A	1.77
CG181T350B1	180	350	B	2.38
CG251T350C1	250	350	C	2.28
CG32T350H1	300	350	H	2.43
CG42T350K1	400	350	K	2.75
CG4250T350J1	425	350	J	2.94
CG551T350D1	550	350	D	3.87
CG92T350E1	900	350	E	4.98
CG132T350F1	1,300	350	F	6.26
CG23T350G1	2,000	350	G	7.75
CG550T400A1	55	400	A	1.16
CG111T400B1	110	400	B	2.05
CG151T400C1	150	400	C	2.23
CG181T400H1	180	400	H	2.38
CG241T400K1	240	400	K	2.63
CG251T400J1	250	400	J	2.69
CG3250T400D1	325	400	D	2.92
CG531T400E1	530	400	E	3.86
CG41T450A1	40	450	A	1.12
CG81T450B1	80	450	B	1.32
CG111T450C1	110	450	C	2.19
CG141T450H1	140	450	H	2.34
CG181T450K1	180	450	K	2.57
CG191T450J1	190	450	J	2.58
CG241T450D1	240	450	D	2.81

*CG CASE SIZES

Code	Dia. x L., Inches	Mtg. Clamp
A	1 3/8 x 2 1/4	VR3
B	1 3/8 x 3 1/4	VR3
C	1 3/8 x 4 1/4	VR3
D	2 x 4 1/4	VR8
E	2 1/4 x 4 1/4	VR10
F	3 x 4 1/4	VR12
G	3 x 5 3/8	VR12
H	1 3/4 x 3 1/8	VR6
J	1 3/4 x 4 1/8	VR6
K	2 x 3 1/8	VR8

Carbon Control Data

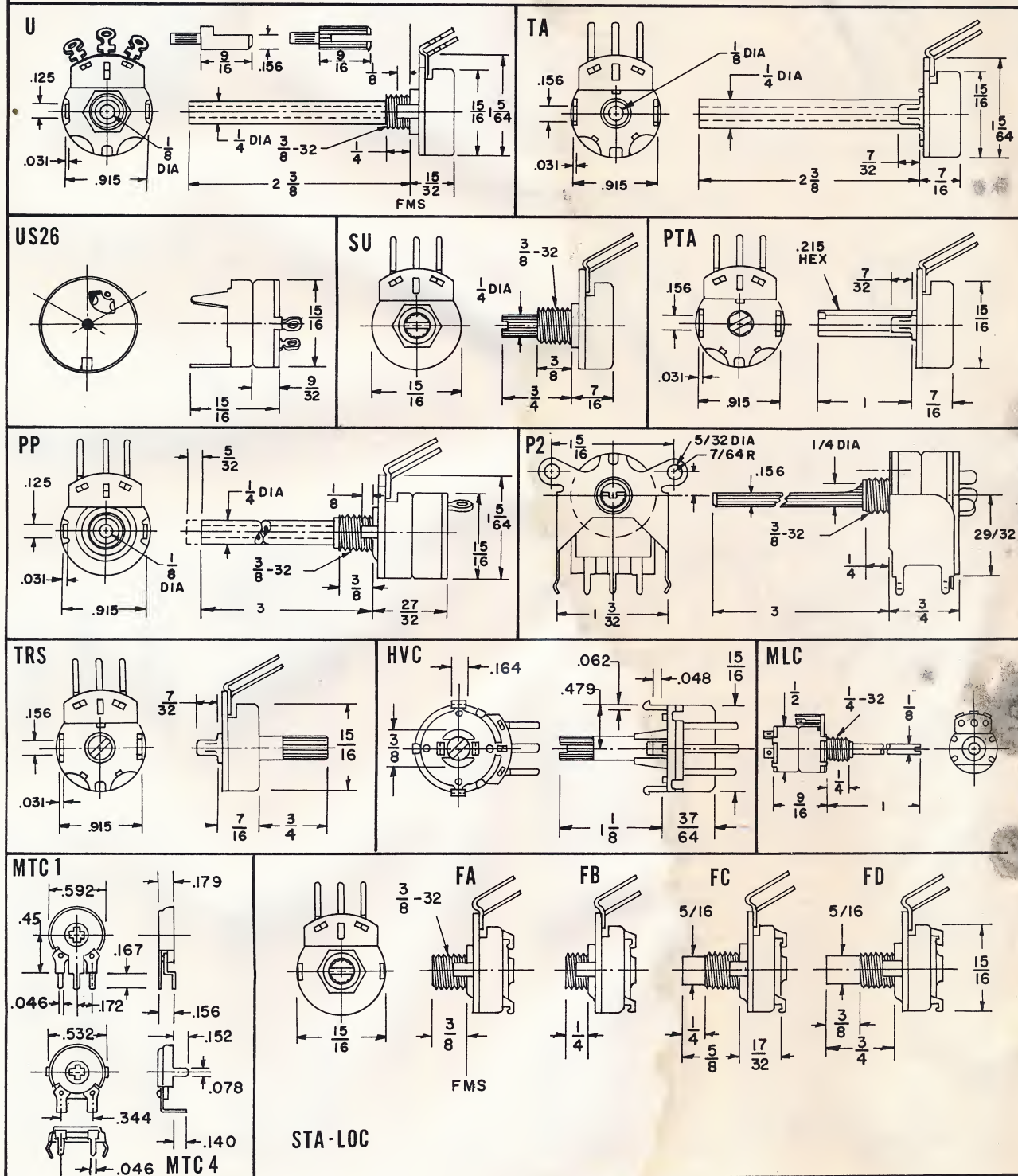
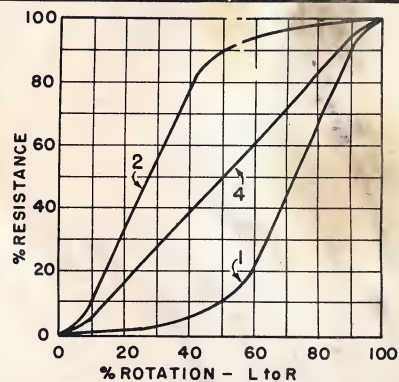
Basic specifications for carbon controls include both resistance and taper. Resistance values and tapers for the various types of Mallory carbon controls are shown in the General Catalog by means of a code: 1, 2, or 4. An explanation of these codes is shown below. Taper refers to the percent of resistance change compared to percent of shaft rotation from left to right (clockwise when viewing control from the front).

TAPER No. 1: Left-hand logarithmic used in audio circuits where percent of change is small at start of rotation. STA-LOC suffix is "A".

TAPER No. 2: Right-hand logarithmic, used where percent of change must be large at start of rotation. STA-LOC suffix is "R".

TAPER No. 4: Linear taper where percent of resistance change is directly proportional to rotational change on a straight line. STA-LOC suffix is "L".

Always check taper with leads attached to center and right-hand terminals when viewing control from front.

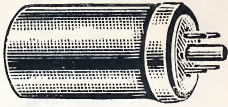


Capacitors

HEAVY-DUTY INDUSTRIAL ALUMINUM ELECTROLYTICS

Heavy-duty design meets detail specifications of MIL-C-62 for industrial aluminum electrolytic capacitors. **Temperature Range:** -40° C to +85° C. **Tolerance:** -10%, +150% up to 50 WVDC; -10%, +100%, 100-350 WVDC; -10%, +50%, 450 WVDC and up.

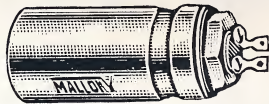
PLUG-IN MOUNTING PB SERIES



Conform to MIL-C-62 detail specifications CE51, CE52 and CE53. Plug into standard octal tube socket.

Mallory No.	Cap., μ F	WV DC	Size, In. Dia. x L.	Net Each
PB110	20	150	1 1/8 x 2 1/2	\$2.37
PB114	40	150	1 1/8 x 2 1/2	2.46
PB139	100	350	1 1/8 x 3 1/2	3.51
PB142	10	450	1 1/8 x 2 1/2	2.43
PB144	20	450	1 1/8 x 2 1/2	2.53
PB146	40	450	1 1/8 x 2 1/2	2.73
PB149	80	450	1 1/8 x 4 1/4	3.33
PB208	20-20	150	1 1/8 x 2 1/2	2.52
PB212	40-40	150	1 1/8 x 2 1/2	2.61
PB234	20-20	450	1 1/8 x 2 1/2	3.03
PB238	40-40	450	1 1/8 x 4 1/4	3.57
PB311.2	20-20-20	150	1 1/8 x 2 1/2	2.88
PB345.8	20-20-20	450	1 1/8 x 2 1/2	3.33
PB375.8	10-10-10	450	1 1/8 x 2 1/2	3.06

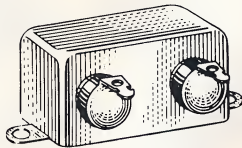
THREADED-NECK MOUNTING SERIES



Series RS, HS and RM have threaded neck 1/4"-16 x 1/2" with nut and washer; insulated stranded wire terminations. Conform closely to MIL-C-62, detail specifications CE41 and CE42.

Mallory No.	Cap., μ F	WV DC	Size, In. Dia. x L.	Net Each
RS207	30	250	1 x 3 1/2	\$1.23
RS212	8	450	1 1/8 x 3	1.32
RS213	8	450	1 x 2 3/4	1.32
RS214	12	450	1 1/8 x 3	1.44
RS215	12	450	1 x 2 3/4	1.44
RS216	16	450	1 x 3 1/2	1.47
RS217	16	450	1 1/8 x 3	1.47
RS219	20	450	1 1/8 x 3	1.62
RS223	30	450	1 1/8 x 3	1.80
RS224	40	450	1 1/8 x 3	1.89
HS691	4	600	1 1/8 x 4	1.77
HS693	8	600	1 1/8 x 3 3/4	1.89
HS696	20	600	1 1/8 x 4 1/4	2.31
RM262	8-8	450	1 1/8 x 3	1.80
RM265	8-8-8	450	1 1/8 x 4 1/4	3.00

BATHTUB BS SERIES

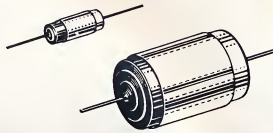


Conform to MIL-C-62 detail specification CE63. These capacitors are hermetically sealed in hot-tinned steel cases with solder lug terminations at the side. Mounts with flanges having 3/16" dia. holes.

Mall. No.	Cap. μ F	WV DC	Size, Inches H. x W. x L.	Net Each
BS26	25	25	3/4 x 1 x 1 1/4	\$2.70
BS29	50	25	3/4 x 1 x 1 1/4	2.76
BS36	25	50	3/4 x 1 x 1 1/4	2.73
BS39	50	50	7/8 x 1 x 1 1/4	2.82
BS45	20	150	7/8 x 1 x 1 1/4	2.82
BS48	40	150	1 x 1 1/4 x 1 1/4	2.91
BS62	10	300	7/8 x 1 x 1 1/4	2.85
BS65	20	300	1 1/8 x 1 1/4 x 1 1/4	2.94
BS81*	8	500	1 x 1 1/4 x 2	3.45
BS91*	8	600	1 x 1 1/4 x 2	3.51

*Mtg. centers 2 3/8"; all others 2 1/8".

● STYROCAP† POLYSTYRENE CAPACITORS



Manufactured from a unique form of stretched and fused polystyrene to provide the ultimate in temperature stability and humidity protection. Can replace mica, film, paper and ceramic types in most applications. Full coverage includes 73 standard ratings from 5 pF to .01 μ F. **Insulation Resistance:** Greater than 100,000 megohms. **Power Factor:** Less than 0.05%. **Temperature Coefficient:** -150 ppm/° C, $\pm$ 60 ppm/° C. **Temperature Range:** -40° C to +85° C; for best operating stability, -10° C to +70° C. **Voltage:** 500 WVDC; surge, 1500 VDC. **Tolerance:** $\pm$ 5%. Sizes shown are $\pm$.010" dia. x $\pm$.032" lg. Ask for Bulletin 9-370 for complete specifications. †Trademark.

Mallory No.	Cap., pF	Size, In. Dia. x L.	Net Each
SX550	5	.165 x .395	12c
SX568	6.8	.166 x .395	12c
SX410	10	.167 x .395	12c
SX412	12	.167 x .395	12c
SX415	15	.168 x .395	12c
SX418	18	.169 x .395	12c
SX420	20	.170 x .395	12c
SX422	22	.170 x .395	12c
SX424	24	.171 x .395	12c
SX427	27	.172 x .395	12c
SX430	30	.173 x .395	12c
SX433	33	.173 x .395	12c
SX436	36	.174 x .395	12c
SX439	39	.175 x .395	12c
SX443	43	.177 x .395	12c
SX447	47	.178 x .395	12c
SX456	56	.180 x .395	12c
SX462	62	.182 x .395	12c
SX468	68	.184 x .395	12c
SX475	75	.188 x .395	12c
SX482	82	.189 x .395	12c
SX491	91	.192 x .395	12c
SX310	100	.195 x .395	12c
SX311	110	.198 x .395	12c
SX312	120	.201 x .395	12c
SX313	130	.204 x .395	12c
SX315	150	.210 x .395	12c
SX316	160	.213 x .395	12c
SX318	180	.221 x .395	12c
SX320	200	.227 x .395	12c
SX322	220	.233 x .395	12c
SX324	240	.239 x .395	12c
SX327	270	.248 x .395	12c
SX330	300	.255 x .395	12c
SX333	330	.194 x .590	12c
SX336	360	.195 x .590	12c
SX339	390	.197 x .590	12c
SX343	430	.200 x .590	12c
SX347	470	.202 x .590	12c
SX351	510	.204 x .590	12c
SX356	560	.207 x .590	12c
SX362	620	.211 x .590	12c
SX368	680	.215 x .590	12c
SX375	750	.219 x .590	12c
SX382	820	.223 x .590	12c
SX391	910	.228 x .590	12c
SX210	1,000	.233 x .590	15c
SX211	1,100	.238 x .590	15c
SX212	1,200	.245 x .590	15c
SX213	1,300	.250 x .590	15c
SX215	1,500	.262 x .590	15c
SX216	1,600	.267 x .590	15c
SX218	1,800	.279 x .590	15c
SX220	2,000	.291 x .590	15c
SX222	2,200	.300 x .590	15c
SX224	2,400	.314 x .590	15c
SX225	2,500	.320 x .590	15c
SX227	2,700	.331 x .590	15c
SX230	3,000	.348 x .590	15c
SX233	3,300	.366 x .590	15c
SX236	3,600	.383 x .590	18c
SX239	3,900	.402 x .590	18c
SX243	4,300	.425 x .590	18c
SX247	4,700	.448 x .590	18c
SX250	5,000	.466 x .590	18c
SX251	5,100	.470 x .590	21c
SX256	5,600	.465 x .790	21c
SX262	6,200	.480 x .790	21c
SX268	6,800	.500 x .790	21c
SX275	7,500	.520 x .790	21c
SX282	8,200	.540 x .790	21c
SX291	9,100	.565 x .790	21c
SX110	10,000	.590 x .790	21c

● U/L APPROVED GEM® MOLDED MYLAR* AXIAL-LEAD CAPACITORS



This special series of GEM capacitors is U/L Approved for use in antenna coupling and line bypass applications. Dielectric is 100% Mylar. Case is precision molded from flame-retardant type of resin specially formulated for this purpose. "Yellow Card" certification of U/L Approval available on written request. **Tolerance:** $\pm$ 10%.

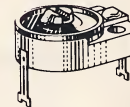
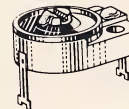
*Reg. DuPont trademark.

RATED 600 WVDC

Mallory No.	Cap., μ F	Size, In. Dia. x L.	Net Each
GEM611UL	.01	3/8 x 1 3/16	20c
GEM6122UL	.022	1/2 x 1 3/8	22c
GEM6133UL	.033	1/2 x 1 3/8	23c
GEM6147UL	.047	1/2 x 1 3/8	25c
GEM6168UL	.068	3/4 x 1 9/16	29c
GEM601UL	.10	3/4 x 1 9/16	30c
GEM6022UL	.22	3/4 x 1 7/8	46c

STANDARD GEM MYLAR CAPACITORS ARE LISTED ON PAGE 17.

CERAMIC TRIMMERS

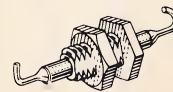


Small and stable for high frequency FM and TV uses. Fired silver electrodes; ceramic rotator and base. Sealed against dust. Solder lug terminals. Two-hole screw mounting. Single or dual units available. Constant capacity change on 360° rotator. Size, 2 1/2" x 2 7/8" x 3/8". Rated 600 VDC.

Mallory Number	Cap. Range, pF	Temp. Coef.	Net Each
ST5515-Z	1.5 to 7	Zero	\$1.05
ST553-Z	3 to 12	Zero	.90
ST554-N	4 to 30	Neg. 500*	1.05
ST557-N	7 to 45	Neg. 500*	1.05

*Parts/million/°C.

FEED-THRU CAPACITORS



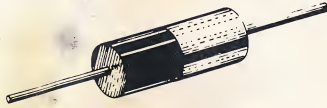
For TV bypass. Wire terminals as tie points. Body solders to chassis or mounted by hex nut. Silvered steatite trimmer.

Mallory Number	Cap., pF	WV DC	Size, In.	Net Ea.
CT565*	.5 to 3	500	1 1/2 x 1 1/2	30c
CT551*	1 to 4	500	1 1/2 x 1 1/2	30c
CT552*	2 to 6	500	1 1/2 x 1 1/2	30c
CT250A†	1000	600	1 1/4 x 3/4	30c
CT254A†	1000	600	1 1/4 x 1 1/16	30c
CT280A†	1000	600	1 1/2 x 1 1/16	45c
CT282A†	1000	600	1 1/2 x 1 1/16	60c

Tol.: * $\pm$ 0.5 pF; †Guaranteed minimum value; ‡ $\pm$ 20%.

Wet-slug Tantalum Capacitors

TAP-TNT MINIATURE PELLET EPOXY SEAL -55°C TO +85°C



Mallory TNT-TAP capacitors employ sintered anode wet-slug construction and are furnished in metal cases with precision formed epoxy end seals. Values shown have uninsulated cases; for insulating sleeve, change 12th digit of part number to "1" and add 5c to prices shown. Standard tolerance: -15% +75%; other tolerances are available on special order. For detailed specifications, ask for bulletins: 4-38 (TNT) and 4-52 (TAP).

CASE SIZES

Add .010" dia. x .093" l. for sleeve.

Case Code	Size, In. (Dia. x L.)	
	TNT	TAP
A	.152 x .325	.228 x .500
B	.152 x .475	.228 x .660
C	.....	.228 x .875

TNT				
Cap., μ F	WVDC +85°C	Mallory Number	Case Size	
40	3	TNT406U003P0A	A	
80	3	TNT806U003P0B	B	
25	6	TNT256U006P0A	A	
50	6	TNT506U006P0B	B	
35	12	TNT356U012P0B	B	
12	15	TNT126U015P0A	A	
25	15	TNT256U015P0B	B	
15	30	TNT156U030P0B	B	
6	35	TNT605U035P0A	A	
12	35	TNT126U035P0B	B	
2	50	TNT205U050P0A	A	
4	50	TNT405U050P0A	A	
8	50	TNT805U050P0B	B	

TNT PRICES*

Case Size	Net Each, Lots of				
	1-24	25-49	50-99	100-499	500-999
A	\$1.24	\$0.99	\$0.84	\$0.714	\$0.651
B	1.46	1.17	.99	.84	.766

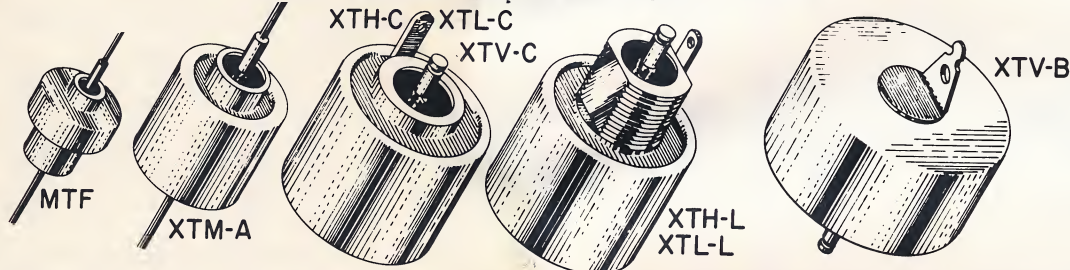
TAP PRICES*

Case Size	Net Each, Lots of				
	1-24	25-49	50-99	100-499	500-999
A	\$1.46	\$1.17	\$0.99	\$0.84	\$0.766
B	2.46	1.97	1.66	1.415	1.29
C	4.28	3.42	2.89	2.46	2.25

*For insulating sleeve, change 12th digit of catalog number from "0" to "1" and add 5c to prices shown.

TAP				
Cap., μ F	WVDC +85°C	Mallory Number	Case Size	
30	6	TAP306U006P0A	A	
140	6	TAP147U006P0B	B	
330	6	TAP337U006P0C	C	
20	10	TAP206U010P0A	A	
100	10	TAP107U010P0B	B	
250	10	TAP257U010P0C	C	
15	15	TAP156U015P0A	A	
70	15	TAP706U015P0B	B	
170	15	TAP177U015P0C	C	
12	20	TAP126U020P0A	A	
10	25	TAP106U025P0A	A	
8	30	TAP805U030P0A	A	
40	30	TAP406U030P0B	B	
100	30	TAP107U030P0C	C	
7	35	TAP705U035P0A	A	
6	40	TAP605U040P0A	A	
30	40	TAP306U040P0B	B	
5	50	TAP505U050P0A	A	
25	50	TAP256U050P0B	B	
60	50	TAP606U050P0C	C	
4	60	TAP405U060P0A	A	
20	60	TAP206U060P0B	B	
50	60	TAP506U060P0C	C	
3.5	75	TAP355U075P0A	A	
15	75	TAP156U075P0B	B	
40	75	TAP406U075P0C	C	
2	90	TAP205U090P0A	A	
11	90	TAP116U090P0B	B	
30	90	TAP306U090P0C	C	

HIGH TEMPERATURE—HERMETICALLY SEALED



Mallory high temperature tantalum capacitors are furnished in hermetically sealed metal cases and are wet-slug polarized types. MTF and XTM-A have axial leads. Other XTM's and all XTL, H and V types have a wide variety of terminal arrangements available. The types shown here are the standard MIL-C-3965

values and all are available from stock. For detailed specifications, ask for bulletins: 4-41 (MTF); 4-49 (XTM); 4-60 (XTH-XTL-XTV). XTH, L and V also available in radiation proof construction; ask for bulletin 4-69 (XTG).

MTF -55°C TO +150°C

Axial leads, commercial equivalent to MIL-C-3965 Style CL44.

Cap., μ F	WVDC +85°C	Mallory Number	Cap., μ F	WVDC +85°C	Mallory Number
140	6	MTF147T006P0H	25	50	MTF256T050P0H
100	10	MTF107T010P0H	20	60	MTF206T060P0H
70	15	MTF706T015P0H	15	75	MTF156T075P0H
40	30	MTF406T030P0H	11	90	MTF116T090P0H
30	40	MTF306T040P0H			

Any Model listed above—Net Each, Lots of 1-24, \$6.76; 25-49, \$5.41; 50-99, \$4.56; 100-499, \$3.89.

XTM -55°C TO +175°C

Cap., μ F	WVDC +85°C	Mallory Number*	Net Each, Lots of		
			1-24	25-49	50-99
40	35	XTM406T035P0A	\$ 6.56	\$ 6.12	\$ 5.68
25	60	XTM256T060P0A	6.56	6.12	5.68
16	90	XTM166T090P0A	6.56	6.12	5.68
8	170	XTM805T170P0A	9.90	9.24	8.56
5	255	XTM505T255P0A	12.96	12.10	11.23
4	340	XTM405T340P0A	16.20	15.12	14.04

*Suffix A indicates MIL-C-3965/20A, Style CL10. Also available in Style CL13; change suffix A to D, add 5c to prices shown.

XTH -55°C TO +200°C

Cap., μ F	WVDC +85°C	Mallory Number*	Net Each, Lots of		
			1-24	25-49	50-99
240	18	XTH247U018P0L	\$ 9.65	\$ 9.04	\$ 8.42
150	30	XTH157U030P0C	9.30	8.69	8.07
150	30	XTH157U030P0L	9.65	9.04	8.42
120	35	XTH127U035P0C	9.30	8.69	8.07
80	60	XTH806U060P0C	9.30	8.69	8.07
80	60	XTH806U060P0L	9.65	9.04	8.42
50	90	XTH506U090P0C	9.30	8.69	8.07
25	180	XTH256U180P0C	14.80	13.81	12.83
25	180	XTH256U180P0L	15.15	14.16	13.18
16	270	XTH166U270P0C	20.48	19.12	17.76
16	270	XTH166U270P0L	20.83	19.47	18.11
12	360	XTH126U360P0C	26.06	24.33	22.59
12	360	XTH126U360P0L	26.41	24.68	22.94
8	540	XTH805U540P0C	37.13	34.66	32.19
7	630	XTH705U630P0C	42.62	39.78	36.94

*C, MIL-C-3965/1D, CL14; L, MIL-C-3965/1D, CL16.

XTL -55°C TO +200°C

Cap., μ F	WVDC +85°C	Mallory Number	Net Each, Lots of		
			1-24	25-49	50-99
120	18	XTL127U018P0C*	\$ 8.24	\$ 7.69	\$ 7.15
75	30	XTL756U030P0C*	8.24	7.69	7.15
75	30	XTL756U030P0L†	8.59	8.04	7.50
40	60	XTL406U060P0C*	8.24	7.69	7.15
40	60	XTL406U060P0L†	8.59	8.04	7.50
25	90	XTL256U090P0C*	8.24	7.69	7.15
12	180	XTL126U180P0C*	12.38	11.56	10.64
12	180	XTL126U180P0L†	12.73	11.91	11.09
8	270	XTL805U270P0C*	16.70	15.59	14.48
6	360	XTL605U360P0C*	21.16	19.75	18.34
6	360	XTL605U360P0L†	21.50	20.10	18.69
5	450	XTL505U450P0C*	25.70	23.99	22.28
4	540	XTL405U540P0C*	29.89	27.90	25.91
3.5	630	XTL355U630P0C*	34.30	32.01	29.73

*Stock Items (MIL-C-3965/1D, Style CL14). †Stock Items (MIL-C-3965/1D, Style CL16).

XTV -55°C TO +200°C

XTV listed by MIL-C-3965/19A Style CL17 ("C") and CL18 ("B") are stocked. Ten other case configurations available on special order.

Cap., μ F	WVDC +85°C	Mallory Number	Net Each, Lots of		
			1-24	25-49	50-99
370	30	XTV377T030P0C	\$19.55	\$18.25	\$16.95
650	30	XTV657T030P0C	30.05	28.05	26.05
1300	30	XTV138T030P0*	43.55	40.65	37.75
190	40	XTV197T040P0*	13.55	12.65	11.75
290	40	XTV297T040P0*	19.55	18.25	16.95
500	40	XTV507T040P0*	30.05	28.05	26.05
1000	40	XTV108T040P0*	43.55	40.65	37.75
200	60	XTV207T060P0*	19.55	18.25	16.95
350	60	XTV357T060P0*	30.05	28.05	26.05
700	60	XTV707T060P0*	43.55	40.65	37.75
750	60	XTV757T060P0*	43.55	40.65	37.75
220	75	XTV227T075P0*	30.05	28.05	26.05
450	75	XTV457T075P0*	43.55	40.65	37.75
120	90	XTV127T090P0*	19.55	18.25	16.95
60	180	XTV606T180P0*	35.00	32.67	30.34
40	270	XTV406T270P0*	49.55	46.25	42.95
25	450	XTV256T450P0*	79.55	74.25	68.95

*Specify B for CL18 or C for CL17.

Capacitors

PVC DIPPED MYLAR* RADIAL-LEAD CAPACITORS



Dielectric 100% Mylar. Radial leads have tough polyvinyl-chloride coating; will not crack during installation. **Temperature Range:** -55° C to +105° C. **Tolerance:** ±10%.

100 WVDC, 250 V SURGE

Mallory No.	Cap., μ F	Size, Inches			Net Ea. 1-24
		L.	H.	T.	
PVC1118	.018	.63	.38	.22	\$0.15
PVC1122	.022	.63	.38	.22	.15
PVC1133	.033	.63	.38	.22	.15
PVC114	.04	.63	.38	.22	.15
PVC1147	.047	.63	.38	.22	.15
PVC1156	.056	.75	.38	.22	.16
PVC1168	.068	.81	.41	.25	.17
PVC101	.10	.81	.44	.31	.18
PVC1015	.15	.94	.47	.34	.21
PVC1022	.22	1.09	.50	.34	.24
PVC1025	.25	1.22	.50	.34	.24
PVC1033	.33	1.22	.56	.41	.28
PVC1047	.47	1.34	.59	.44	.31
PVC105	.5	1.34	.63	.44	.33
PVC1056	.56	1.46	.63	.46	.34
PVC1068	.68	1.46	.69	.50	.38
PVC11	1.0	1.75	.72	.53	.46
PVC11P5	1.5	1.75	.88	.63	.58
PVC12	2.0	1.78	1.00	.78	.72

200 WVDC, 500 V SURGE

Mallory No.	Cap., μ F	Size, Inches			Net Ea. 1-24
		L.	H.	T.	
PVC211	.01	.63	.38	.22	\$0.15
PVC2115	.015	.63	.38	.22	.15
PVC212	.02	.63	.38	.22	.15
PVC2122	.022	.63	.38	.22	.15
PVC2133	.033	.81	.41	.25	.19
PVC214	.04	.81	.41	.25	.19
PVC2147	.047	.81	.44	.28	.19
PVC215	.05	.81	.44	.28	.19
PVC2168	.068	.94	.46	.28	.18
PVC201	.1	1.10	.50	.31	.21
PVC2015	.15	1.22	.53	.34	.21
PVC2022	.22	1.22	.56	.41	.24
PVC2025	.25	1.34	.56	.41	.24
PVC2033	.33	1.46	.63	.44	.30
PVC2047	.47	1.63	.66	.46	.35
PVC205	.5	1.63	.69	.50	.35
PVC21	1.0	1.75	.88	.63	.55
PVC22	2.0	1.78	1.15	.94	.95

400 WVDC, 1000 V SURGE

Mallory No.	Cap., μ F	Size, Inches			Net Ea. 1-24
		L.	H.	T.	
PVC4222	.0022	.63	.31	.22	\$0.15
PVC4247	.0047	.63	.38	.22	.15
PVC411	.01	.63	.38	.22	.15
PVC412	.02	.75	.41	.25	.15
PVC4147	.047	.94	.46	.28	.18
PVC415	.05	.94	.46	.31	.18
PVC401	.1	1.22	.53	.38	.21
PVC4022	.22	1.46	.66	.46	.27
PVC4025	.25	1.63	.66	.46	.30
PVC404	.4	1.75	.75	.56	.41
PVC4047	.47	1.75	.78	.59	.45
PVC405	.5	1.75	.81	.63	.46
PVC4056	.56	1.78	.84	.66	.49

600 WVDC, 1500 V SURGE

Mallory No.	Cap., μ F	Size, Inches			Net Ea. 1-24
		L.	H.	T.	
PVC621	.001	.63	.31	.22	\$0.15
PVC6212	.0012	.63	.31	.22	.15
PVC6215	.0015	.63	.31	.22	.15
PVC622	.002	.63	.31	.22	.15
PVC6222	.0022	.63	.31	.22	.15
PVC6225	.0025	.63	.31	.22	.15
PVC623	.003	.63	.38	.22	.15
PVC6233	.0033	.63	.38	.22	.15
PVC6239	.0039	.63	.38	.22	.15
PVC624	.004	.63	.38	.22	.15
PVC6247	.0047	.63	.38	.22	.15
PVC625	.005	.63	.38	.22	.15
PVC6256	.0056	.63	.38	.22	.15
PVC626	.006	.63	.38	.22	.15
PVC6268	.0068	.63	.38	.25	.18
PVC6275	.0075	.63	.38	.25	.18
PVC628	.008	.63	.38	.25	.18
PVC611	.01	.75	.38	.25	.18
PVC6112	.012	.75	.38	.25	.18
PVC6115	.015	.81	.41	.28	.18
PVC612	.02	.94	.41	.28	.18
PVC6122	.022	.94	.47	.28	.18
PVC6125	.025	.94	.47	.28	.21
PVC613	.03	1.10	.50	.31	.21
PVC6133	.033	1.10	.50	.31	.21
PVC6139	.039	1.22	.50	.31	.21
PVC614	.04	1.22	.50	.31	.21
PVC6147	.047	1.22	.50	.34	.24
PVC615	.05	1.22	.53	.34	.24
PVC6156	.056	1.22	.53	.38	.24
PVC6168	.068	1.22	.59	.41	.27
PVC601	.1	1.34	.63	.44	.27
PVC6015	.15	1.63	.66	.46	.30
PVC602	.2	1.75	.69	.50	.39
PVC6022	.22	1.75	.72	.53	.42
PVC6025	.25	1.75	.75	.56	.45
PVC6033	.33	1.78	.84	.66	.47
PVC6047	.47	1.78	1.00	.78	.61
PVC61	1.0	2.31	1.13	.94	1.05

GEM® MOLDED MYLAR AXIAL-LEAD CAPACITORS



Utilizes 100% Mylar dielectric. Case is specially-formulated resin for maximum humidity protection. **Temperature Range:** -55° C to +85° C; to +125° C with 50% voltage derating. **Tolerance:** ±10%.

400 WVDC

Mallory No.	Cap., μ F	Size	Net Each
GEM411	.01	A	\$0.15
GEM412	.02	B	.15
GEM4122	.022	B	.18
GEM4147	.047	B	.18
GEM415	.05	C	.18
GEM401	.1	C	.21
GEM4025	.25	D	.30
GEM405	.5	E	.45

600 WVDC

Mallory No.	Cap., μ F	Size	Net Each
GEM621	.001	A	\$0.15
GEM6215	.0015	A	.15
GEM622	.002	A	.15
GEM62222	.0022	A	.15
GEM623	.003	A	.15
GEM6233	.0033	A	.15
GEM624	.004	B	.15
GEM6247	.0047	B	.15
GEM625	.005	B	.15
GEM6268	.0068	B	.18
GEM611	.01	B	.18
GEM6115	.015	B	.18
GEM612	.02	C	.18
GEM6122	.022	C	.18
GEM613	.03	C	.21
GEM6133	.033	C	.21
GEM614	.04	C	.21
GEM6147	.047	C	.24
GEM615	.05	C	.24
GEM6168	.068	D	.27
GEM601	.1	D	.27
GEM6015	.15	D	.30
GEM602	.2	E	.39
GEM6022	.22	E	.42
GEM6025	.25	E	.45
GEM6047	.47	F	.75
GEM605	.5	F	.75

1000 WVDC

Mallory No.	Cap., μ F	Size	Net Each
GEM1021	.001	A	\$0.30
GEM10215	.0015	A	.30
GEM10222	.0022	A	.30
GEM10233	.0033	A	.30
GEM10247	.0047	B	.30
GEM10268	.0068	B	.30
GEM1011	.01	C	.30
GEM10115	.015	C	.30
GEM10122	.022	C	.30
GEM10133	.033	D	.30
GEM10147	.047	D	.30
GEM10168	.068	D	.42
GEM10182	.082	E	.45
GEM1001	.1	E	.45

1600 WVDC

Mallory No.	Cap., μ F	Size	Net Each
GEM1621	.001	A	\$0.39
GEM16215	.0015	B	.39
GEM16222	.0022	B	.39
GEM16227	.0027	B	.39
GEM1623	.003	B	.39
GEM16233	.0033	B	.39
GEM1624	.004	C	.39
GEM16247	.0047	C	.39
GEM1625	.005	C	.39
GEM1626	.006	C	.39
GEM16268	.0068	C	.39
GEM1627	.007	C	.39
GEM1628	.008	C	.39
GEM1611	.01	C	.42
GEM16115	.015	D	.42
GEM1612	.02	D	.42
GEM16122	.022	D	.42
GEM16133	.033	D	.42
GEM16147	.047	E	.54
GEM1615	.05	E	.54
GEM16168	.068	E	.58

GEM CASE SIZES

†	Dia., x L., in.	†	Dia. x L., in.
A	$\frac{1}{16}$ x $1\frac{1}{16}$	D	$\frac{3}{8}$ x $1\frac{1}{16}$
B	$\frac{3}{16}$ x $1\frac{1}{16}$	E	$\frac{3}{8}$ x $1\frac{1}{8}$
C	$\frac{1}{2}$ x $1\frac{1}{8}$	F	1 x $2\frac{1}{2}$

NEW U/L APPROVED GEM
CAPACITORS LISTED
ON PAGE 16

ELECTRON† METALLIZED-MYLAR AXIAL-LEAD CAPACITORS



Ultra-miniature, high reliability metallized-Mylar capacitors encapsulated in precision-molded rectangular epoxy case. Supplied with axial leads; radial lead types available on special order. Employ thin-film Mylar in 100 WVDC series; standard Mylar, 200 WVDC. **Temperature Range:** -55° C to +85° C; to 125° C with 50% voltage derating. **Tolerance:** ±10%; closer tolerances available on special order.

100 WVDC—THIN FILM

Mallory No.	Cap., μ F	Size, Inches			Net Each
		L.	W.	T.	
2DE1223E	.022	.42	.29	.17	\$1.68
2DE1273E	.027	.42	.29	.17	1.68
2DE1333E	.033	.42	.29	.17	1.68
2DE1393E	.039	.42	.29	.17	1.68
2DE1473E	.047	.42	.29	.17	1.68
2DE1563E	.056	.57	.29	.17	1.68
2DE1683E	.068	.57	.29	.17	1.68
2DE1823E	.082	.57	.29	.17	1.68
2DE1104E	.10	.57	.29	.17	2.04
2DE1124E	.12	.57	.29	.17	2.04
2DE1154E	.15	.55	.36	.23	2.04
2DE1184E	.18	.55	.36	.23	2.04
2DE1224E	.22	.55	.36	.23	2.04
2DE1254E	.25	.55	.36	.23	2.04
2DE1274E	.27	.55	.36	.23	2.04
2DE1334E	.33	.57	.42	.29	2.04
2DE1394E	.39	.57	.42	.29	2.04
2DE1474E	.47	.67	.42	.29	2.04
2DE1504E	.50	.67	.42	.29	2.70
2DE1564E	.56	.67	.42	.29	2.70
2DE1684E	.68	.67	.42	.29	2.70
2DE1754E	.75	.82	.42	.29	2.75
2DE1824E	.82	.82	.42	.29	2.70
2DE1105E	1.0	.82	.54	.39	3.60
2DE1155E	1.5	.82	.54	.39	3.60
2DE1205E	2.0	1.04	.54	.39	4.62
2DE1305E	3.0	1.24	.54	.39	5.94
2DE1505E	5.0	1.75	.72	.56	8.40
2DE1805E	8.0	1.75	.72	.56	11.76
2DE1106E	10.0	1.75	.72	.56	13.50

200 WVDC

DE2102E	.001	.42	.29	.17	\$1.74
DE2122E	.0012	.42	.29	.17	1.74
DE2152E	.0015	.42	.29	.17	1.74
DE2182E	.0018	.42	.29	.17	1.74
DE2222E	.0022	.42	.29	.17	1.74
DE2272E	.0027	.42	.29	.17	1.74
DE2332E	.0033	.42	.29	.17	1.74
DE2392E	.0039	.42	.29	.17	1.74
DE2472E	.0047	.42	.29	.17	1.74
DE2562E	.0056	.42	.29	.17	1.74
DE2682E	.0068	.42	.29	.17	1.74
DE2822E	.0082	.42	.29	.17	1.74
DE2103E	.01	.42	.29	.17	1.68
DE2123E	.012	.42	.29	.17	1.68
DE2153E	.015	.42	.29	.17	1.68
DE2183E	.018	.42	.29	.17	1.68
DE2223E	.022	.42	.29	.17	1.68
DE2273E	.027	.57	.29	.17	1.68
DE2333E	.033	.57	.29	.17	1.68
DE2393E	.039	.57	.29	.17	1.68
DE2473E	.047	.55	.36	.23	1.68
DE2563E	.056	.55	.36	.23	1.68
DE2683E	.068	.55	.36	.23	1.68
DE2823E	.082	.55	.36	.23	1.68
DE2104E	.10	.57	.42	.29	1.74
DE2124E	.12	.57	.42	.29	1.74
DE2154E	.15	.67	.42	.29	1.74
DE2184E	.18	.67	.42	.29	1.74
DE2224E	.22	.67	.42	.29	1.74
DE2254E	.25	.82	.42	.29	1.74
DE2274E	.27	.82	.42	.29	1.74
DE2334E	.33	.82	.54	.39	1.74
DE2394E	.39	.82	.54	.39	1.74
DE2474E	.47	.82	.54	.39	1.74
DE2504E	.50	.82	.54	.39	1.80
DE2564E	.56	1.04	.54	.39	1.80
DE2684E	.68	1.04	.54	.39	1.80
DE2754E	.75	1.04	.54	.39	1.80
DE2824E	.82	1.24	.54	.39	1.80
DE2105E	1.0	1.24	.54	.39	2.10
DE2155E	1.5	1.75	.72	.56	2.10
DE2205E	2.0	1.75	.72	.56	2.52
DE2305E	3.0	1.75	.72	.56	3.24

Wet-slug Tantalum Capacitors

● MIL-C-3965 CL64/65 MINIATURE METAL CASE WET-SLUG TANTALUM CAPACITORS (TLS)

Miniature flangeless design ideal for high density packaging. Exceptionally low DC leakage. Two temperature grades available: -55° C to +85° C and -55° C to +125° C. Tolerances: ±10% (K), ±20% (M), -15%+30% (S), and -15%+50% (T). Shown below with uninsulated cases; for insulating sleeve specify CL65 (add 5¢ to prices). See bulletin 9-351 for specs.

CL64B—, -55° TO +85° C

Cap., μF	WVDC at +85° C	Mallory Number	Case Size
30	6	CL64BB300*P3	T1
68	6	CL64BB680*P3	T1
140	6	CL64BB141*P3	T2
270	6	CL64BB271*P3	T2
330	6	CL64BB331*P3	T3
560	6	CL64BB561*P3	T3
25	8	CL64BC250*P3	T1
56	8	CL64BC560*P3	T1
220	8	CL64BC221*P3	T2
430	8	CL64BC431*P3	T3
20	10	CL64BD200*P3	T1
47	10	CL64BD470*P3	T1
100	10	CL64BD101*P3	T2
180	10	CL64BD181*P3	T2
250	10	CL64BD251*P3	T3
390	10	CL64BD391*P3	T3
15	15	CL64BE150*P3	T1
33	15	CL64BE330*P3	T1
70	15	CL64BE700*P3	T2
120	15	CL64BE121*P3	T2
170	15	CL64BE171*P3	T3
270	15	CL64BE271*P3	T3
10	25	CL64BG100*P3	T1
22	25	CL64BG220*P3	T1
100	25	CL64BG101*P3	T2
180	25	CL64BG181*P3	T3
8	30	CL64BH080*P3	T1
15	30	CL64BH150*P3	T1
40	30	CL64BH400*P3	T2
68	30	CL64BH680*P3	T2
100	30	CL64BH101*P3	T3
150	30	CL64BH151*P3	T3
5	50	CL64BJ050*P3	T1
10	50	CL64BJ100*P3	T1
25	50	CL64BJ250*P3	T2
47	50	CL64BJ470*P3	T2
60	50	CL64BJ600*P3	T3
82	50	CL64BJ820*P3	T3
4	60	CL64BK040*P3	T1
8.2	60	CL64BK820*P3	T1
20	60	CL64BK200*P3	T2
39	60	CL64BK390*P3	T2
50	60	CL64BK500*P3	T3
68	60	CL64BK680*P3	T3
3.5	75	CL64BL350*P3	T1
6.8	75	CL64BL680*P3	T1
15	75	CL64BL150*P3	T2
33	75	CL64BL330*P3	T2
40	75	CL64BL400*P3	T3
56	75	CL64BL560*P3	T3
2.5	100	CL64BN250*P3	T1
4.7	100	CL64BN470*P3	T1
11	100	CL64BN110*P3	T2
22	100	CL64BN220*P3	T2
30	100	CL64BN300*P3	T3
43	100	CL64BN430*P3	T3
1.7	125	CL64BP170*P3	T1
3.6	125	CL64BP360*P3	T1
9	125	CL64BP090*P3	T2
14	125	CL64BP140*P3	T2
18	125	CL64BP180*P3	T3
25	125	CL64BP250*P3	T3

*Specify tolerance: K = ±10%; M = ±20%; S = -15 +30%; T = -15 +50%.

CL64/65 INDUSTRIAL NET PRICES

Prices are for uninsulated case; for insulating sleeve, change no. to CL65 and add 5¢ to prices shown.

CL64B—, (+85° C) ±10% (K)

Case Size	1-24	25-49	50-99	100-499	500-999
T1	\$2.42	\$1.94	\$1.64	\$1.40	\$1.27
T2	3.70	2.95	2.50	2.13	1.94
T3	5.83	4.67	3.94	3.36	3.06

±20% (M)

T1	\$2.20	\$1.76	\$1.49	\$1.27	\$1.16
T2	3.36	2.69	2.27	1.93	1.76
T3	5.30	4.25	3.58	3.05	2.78

-15 +30% (S)

T1	\$2.20	\$1.76	\$1.49	\$1.27	\$1.16
T2	3.36	2.69	2.27	1.93	1.76
T3	5.30	4.25	3.58	3.05	2.78

-15 +50% (T)

T1	\$1.98	\$1.58	\$1.34	\$1.14	\$1.04
T2	3.02	2.41	2.03	1.73	1.58
T3	4.72	3.77	3.18	2.71	2.48

CL64C—, (+125° C) ±10% (K)

Case Size	1-24	25-49	50-99	100-499	500-999
T1	\$2.50	\$2.00	\$1.70	\$1.44	\$1.31
T2	3.85	3.08	2.61	2.21	2.02
T3	6.10	4.88	4.12	3.51	3.20

±20% (M)

T1	\$2.28	\$1.82	\$1.54	\$1.31	\$1.20
T2	3.50	2.80	2.39	2.02	1.84
T3	5.54	4.43	3.74	3.19	2.91

-15 +30% (S)

T1	\$2.28	\$1.82	\$1.54	\$1.31	\$1.20
T2	3.50	2.80	2.39	2.02	1.84
T3	5.54	4.43	3.74	3.19	2.91

-15 +50% (T)

T1	\$2.04	\$1.63	\$1.37	\$1.17	\$1.07
T2	3.14	2.52	2.12	1.81	1.65
T3	4.94	3.95	3.33	2.84	2.59

● MTP ULTRA-MINIATURE WET-SLUG TANTALUM CAPACITORS



Mallory MTP tantalum capacitors offer the highest capacity-voltage product of any type of tantalum capacitor. Designed specifically for use in micro-electronic equipment where the ultra-small size and extreme reliability are absolutely essential. These polarized capacitors are furnished in a specially designed insulated metal case with an elastomer end seal. The anode lead weld joint and end seal are further protected by epoxy resin encapsulation. Operating temperature: -55° C to +85° C. Tolerance: ±20%. Maximum DCL at 25° C is 2.0 microamperes. Complete specifications are shown in bulletin 4-70.

μF	WVDC	Mallory Number	Size
15	6	MTP156M006P1D	D
47	6	MTP476M006P1A	A
150	6	MTP157M006P1B	B
180	6	MTP187M006P1B	B
450	6	MTP457M006P1C	C
470	6	MTP477M006P1C	C
10	10	MTP106M010P1D	D
33	10	MTP336M010P1A	A
100	10	MTP107M010P1B	B
120	10	MTP127M010P1B	B
300	10	MTP307M010P1C	C
330	10	MTP337M010P1C	C
22	15	MTP226M015P1A	A
68	15	MTP686M015P1B	B
80	15	MTP806M015P1B	B
200	15	MTP207M015P1C	C
220	15	MTP227M015P1C	C
6.8	20	MTP685M020P1D	D
15	20	MTP156M020P1A	A
47	20	MTP476M020P1B	B
60	20	MTP606M020P1B	B
150	20	MTP157M020P1C	C
6	30	MTP605M030P1D	D
10	30	MTP106M030P1A	A
45	30	MTP456M030P1B	B
120	30	MTP127M030P1C	C
4.7	35	MTP475M035P1D	D
10	35	MTP106M035P1A	A
100	35	MTP107M035P1C	C
4	50	MTP405M050P1D	D
6.8	50	MTP685M050P1A	A
30	50	MTP306M050P1B	B
33	50	MTP336M050P1B	B
68	50	MTP686M050P1C	C
78	50	MTP786M050P1C	C
3.3	60	MTP335M060P1D	D
4.7	60	MTP475M060P1A	A
6.8	60	MTP685M060P1A	A
10	60	MTP106M060P1B	B
15	60	MTP156M060P1B	B
22	60	MTP226M060P1B	B
33	60	MTP336M060P1C	C
47	60	MTP476M060P1C	C

CASE SIZES

Case Size	Dimensions	
	Diameter	Length
A	.115"	.400"
B	.145"	.590"
C	.225"	.775"
D	.115"	.312"

MTP INDUSTRIAL NET PRICES

Case Size	Net Each, Lots of					
	1-9	10-24	25-49	50-99	100-499	500-999
A	\$2.59	\$2.28	\$1.99	\$1.71	\$1.37	\$1.25
B	3.11	2.74	2.39	2.06	1.64	1.51
C	3.62	3.18	2.78	2.39	1.91	1.75
D	2.57	2.26	1.97	1.69	1.35	1.23

DISCAP® Capacitors

DISCAP® ceramic disc capacitors offer the widest range of types available. Meet or exceed all requirements of EIA Specification RS-198, Class 2.

LOW VOLTAGE MAGNACAPS

For low-voltage transistor circuits; rated 3, 12 and 25 WVDC. **Tol.**: -20%, +80%. **Power Factor**: 3% at 3 WVDC; 5% at 12 and 25 WVDC. **Temp. Coef.**: ±22%. **Temp. Range**: -55° C to +85° C.

Mallory No.	Cap., μF	WV DC	IR* Ohms	Dia., In.	Net Ea.
MAG315	.05	3	80K	.265	58c
MAG301	.1	3	40K	.265	42c
MAG3022	.22	3	18K	.310	24c
MAG3047	.47	3	9K	.425	24c
MAG31	1.0	3	4K	.615	36c
MAG32P2	2.2	3	1820	.880	42c
MAG1215	.05	12	800K	.290	18c
MAG1201	.1	12	400K	.400	18c
MAG12022	.22	12	180K	.550	24c
MAG12047	.47	12	85K	.775	42c
MAG121	1.0	12	40K	1.100	58c
MAG2511	.01	25	10 megs	.265	18c
MAG2512	.02	25	10 megs	.340	18c
MAG2515	.05	25	10 megs	.480	18c
MAG2501	.10	25	10 megs	.650	21c
MAG25022	.22	25	10 megs	.910	39c

*Insulation resistance.

MINIATURE 100 VOLTS

High capacity miniatures rated 100 WVDC; flash, 200 VDC. **Tol.**: -20%, +80%. **Power Factor**: 3% max. at 1 kc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±22%, -56% (+10° C to +85° C).

Mallory No.	Cap., μF	Net Ea.	Mallory No.	Cap., μF	Net Ea.
TA250*	.005	12c	TA125†	.025	18c
TA110*	.01	12c	TA150†	.05	21c
TA120†	.02	18c	TA010†	.1	52c

Dia.: *1 1/2"; †1 1/2"; ‡3/8".

MINIATURE 500 VOLTS

Miniature bypass types rated 500 WVDC; flash 1250 VDC. **Tol.**: ±20%. **Power Factor**: 1.5% max. at 1 kc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±22%, -56% (+10° C to +85° C).

SM210*	.001	9c	SM110#	.01	12c
SM215†	.0015	9c	SM120#	.02	15c
SM250†	.005	9c			

Dia.: *1/4"; †1/2"; ‡3/8"; #1/2"; §1 1/4".

GENERAL PURPOSE 1000 VOLTS

Rated 1000 WVDC except 40K and 50K pF units, 500 WVDC.

Mallory No.	Cap., pF	Net Ea.	Mallory No.	Cap., pF	Net Ea.
GP533*	3.3	12c	GP336*	360	12c
GP550*	5.0	12c	GP339*	390	12c
GP568*	6.8	12c	GP340*	400	12c
GP580*	8.0	12c	GP347*	470	12c
GP410*	10	12c	GP350*	500	12c
GP412*	12	12c	GP356*	560	12c
GP415*	15	12c	GP360*	600	12c
GP418*	18	12c	GP368*	680	12c
GP420*	20	12c	GP375*	750	12c
GP422*	22	12c	GP382*	820	12c
GP425*	25	12c	GP210*	1000	12c
GP427*	27	12c	GP212*	1200	12c
GP430*	30	12c	GP215*	1500	12c
GP433*	33	12c	GP216*	1600	12c
GP439*	39	12c	GP218*	1800	12c
GP447*	47	12c	GP220*	2000	12c
GP450*	50	12c	GP222*	2200	12c
GP456*	56	12c	GP225*	2500	12c
GP468*	68	12c	GP227*	2700	12c
GP475*	75	12c	GP230*	3000	12c
GP482*	82	12c	GP233*	3300	12c
GP491*	91	12c	GP239*	3900	12c
GP310*	100	12c	GP240*	4000	12c
GP312*	120	12c	GP243*	4300	12c
GP313*	130	12c	GP247*	4700	12c
GP315*	150	12c	GP250*	5000	12c
GP318*	180	12c	GP256*	5600	12c
GP320*	200	12c	GP268*	6800	12c
GP322*	220	12c	GP275*	7500	12c
GP324*	240	12c	GP110*	10K	15c
GP325*	250	12c	GP115*	15K	15c
GP327*	270	12c	GP120*	20K	21c
GP330*	300	12c	GP130*	30K	21c
GP333*	330	12c	GP140*	40K	34c
GP335*	350	12c	GP150*	50K	36c

Max. dia.: *0.29"; †0.40"; ‡0.54"; §0.62"; §0.38"; *0.77"; †0.65"; ‡0.95"; §0.83".

DUAL-SHIELDED BYPASS

Same as B types except dual back-to-back shielded; **Tol.**: ±20%; 3 leads.

Mallory No.	Cap., μF	Dia., In.	Net Each
B2X210	2 x .001	.290	30c
B2X215	2 x .0015	.400	30c
B2X220	2 x .002	.400	30c
B2X230	2 x .003	.560	30c
B2X250	2 x .005	.650	30c
B2X110	2 x .01	.800	30c

HEAVY-DUTY BYPASS

High reliability; rated 1000 WVDC for bypass and audio coupling; 2000 VDC flash. **Tol.**: GMV† except B115 and B120, -20%, +80%. **Power Factor**: 1.5% max. at 1 kc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±22%, -56% (+10° C to +85° C); stamped Z5U.

Mallory No.	Cap., pF	Net Ea.	Mallory No.	Cap., pF	Net Ea.
B315*	150	12c	B220†	2000	12c
B318*	180	12c	B222†	2200	12c
B322*	220	12c	B227†	2700	12c
B327*	270	12c	B233†	3300	12c
B333*	330	12c	B240†	4000	12c
B339*	390	12c	B247†	4700	12c
B347*	470	12c	B250†	5000	12c
B350*	500	12c	B256†	5600	12c
B356*	560	12c	B260†	6000	12c
B368*	680	12c	B268†	6800	12c
B382*	820	12c	B280†	8200	12c
B210*	1000	12c	B110*	10K	12c
B212*	1200	12c	B115*	15K	15c
B215†	1500	12c	B120*	20K	21c
B218†	1800	12c			

Dia.: *9/32"; †3/8"; ‡1 1/2"; §5/8"; #2 1/2"; *3/4"; #1 1/4".

TEMPERATURE COMPENSATING

Stocked in both NPO (CNO) and N750 (CN7) values. Others, from P100 to N5200 available. Rated 1000 WVDC; 2000 VDC flash. **Tol.**: ±5%. **Power Factor**: 0.1% max. at 1 Mc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: NPO or N750 (see tables). **Temp. Range**: -55° C to +85° C.

NPO (+.5%, -.25%) COEFFICIENT					
CNO510*	1	12c	CNO427†	27	12c
CNO515*	1.5	12c	CNO433†	33	12c
CNO522*	2.2	12c	CNO439†	39	12c
CNO533*	3.3	12c	CNO447†	47	12c
CNO547*	4.7	12c	CNO450†	50	12c
CNO568*	6.8	12c	CNO456†	56	12c
CNO410*	10	12c	CNO468†	68	12c
CNO412*	12	12c	CNO475†	75	12c
CNO415*	15	12c	CNO482†	82	12c
CNO418†	18	12c	CNO310#	100	15c
CNO420†	20	12c	CNO312*	120	15c
CNO422†	22	12c	CNO315*	150	15c
CNO425†	25	12c	CNO318*	180	15c

N750 (+7.5%, -5%) COEFFICIENT					
CN7522*	2.2	12c	CN7447†	47	12c
CN7533*	3.3	12c	CN7456†	56	12c
CN7547*	4.7	12c	CN7468†	68	12c
CN7550*	5	12c	CN7475†	75	12c
CN7568*	6.8	12c	CN7482†	82	12c
CN7410*	10	12c	CN7310†	100	12c
CN7412*	12	12c	CN7312†	120	12c
CN7415*	15	12c	CN7315†	150	12c
CN7418*	18	12c	CN7318†	180	12c
CN7420*	20	12c	CN7320†	200	12c
CN7422*	22	12c	CN7322†	220	12c
CN7427*	27	12c	CN7327†	270	15c
CN7433†	33	12c	CN7333*	330	15c
CN7439†	39	12c			

Dia.: *9/32"; †1 1/2"; ‡3/8"; §2 1/2"; #3/4"; *7/8".

TEMPERATURE STABLE

Extreme temperature stability for filter networks. Rated 1000 WVDC; 2000 VDC flash. **Tol.**: ±10%. **Power Factor**: 1.5% max. at 1 kc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±7.5%. **Temp. Range**: -55° C to +85° C.

JL310*	100	15c	JL212†	1200	15c
JL315*	150	15c	JL215†	1500	15c
JL322*	220	15c	JL218†	1800	15c
JL333*	330	15c	JL220†	2000	18c
JL347†	470	15c	JL222†	2200	18c
JL356†	560	15c	JL233#	3300	21c
JL368†	680	15c	JL239#	3900	21c
JL375†	750	15c	JL247*	4700	27c
JL382†	820	15c	JL250*	5000	27c
JL210†	1000	15c			

FREQUENCY STABLE

Capacitance changes less than 10% from 100 cps to 100 Mc. Rated 1000 WVDC; 2000 VDC flash. **Tol.**: ±10%. **Power Factor**: 1.5% max. at 1 kc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±22%, -56% (+10° C to +85° C).

JF315*	150	12c	JF215†	1500	12c
JF322*	220	12c	JF218†	1800	12c
JF333*	330	12c	JF220†	2000	12c
JF347*	470	12c	JF222†	2200	12c
JF350*	500	12c	JF233#	3300	12c
JF356*	560	12c	JF239#	3900	12c
JF368*	680	12c	JF247†	4700	15c
JF375†	750	12c	JF250*	5000	15c
JF382†	820	12c	JF268*	6800	15c
JF210†	1000	12c	JF110*	10K	15c
JF212†	1200	12c			

Dia.: *9/32"; †3/8"; ‡1 1/2"; §5/8"; #3/4"; *7/8"; #2 1/2"; #1 1/4".

AC LINE AND BUFFER

U/L Approved for AC line bypass. Rated 1400 WVDC; 150 V rms at 60 cps; 210 VAC/DC peak; 2800 VDC flash. **Tol.**: ±20%. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: ±22%, -56% (+10° C to +85° C); stamped Z5U.

Mallory No.	Cap., μF	Net Ea.	Mallory No.	Cap., μF	Net Ea.
UAC210*	.001	24c	UAC250†	.005	24c
UAC220*	.002	24c	UAC260†	.006	24c
UAC222*	.0022	24c	UAC270†	.007	24c
UAC230†	.003	24c	UAC275†	.0075	24c
UAC233†	.0033	24c	UAC280†	.008	24c
UAC240†	.004	24c	UAC110†	.01	24c
UAC247†	.0047	24c	UAC120†	.02	42c

Dia.: *2 1/2"; †2 1/2"; ‡1".

HIGH VOLTAGE

High voltage DISCAPs for high frequency use. Rated voltages as listed, below; flash is two times rated voltage. **Tol.**: ±20% except type 2HV types 330 pF up and 3HV types 560 pF up which are GMV†. **Power Factor**: 0.1% max. at 1 Mc. **Insul. Resis.**: 7500 megs min. **Temp. Coef.**: N1500 (+13%, -10%) (-35° C to +85° C). **Not for deflection yoke use.**

2000 WVDC					
Mallory No.	Cap., pF	Net Ea.	Mallory No.	Cap., pF	Net Ea.
2HV310*	100	15c	2HV210§	1000	24c
2HV312*	120	15c	2HV212§	1200	24c
2HV315*	150	15c	2HV215§	1500	24c
2HV322†	220	15c	2HV218§	1800	24c
2HV327†	270	15c	2HV222§	2200	24c
2HV333#	330	21c	2HV233*	3300	24c
2HV347#	470	21c	2HV239*	3900	24c
2HV356#	560	24c	2HV247*	4700	24c
2HV368#	680	24c	2HV268*	6800	24c
2HV375#	750	24c	2HV110†	10K	24c
2HV382§	820	24c			

3000 WVDC					
Mallory No.	Cap., pF	Net Ea.	Mallory No.	Cap., pF	Net Ea.
3HV322#	220	21c	3HV210§	1000	24c
3HV327#	270	21c	3HV212§	1200	24c
3HV333#	330	21c	3HV215§	1500	24c
3HV347#	470	21c	3HV218§	1800	24c
3HV356#	560	24c	3HV222†	2200	24c
3HV368#	680	24c	3HV233*	3300	24c
3HV375#	750	24c	3HV239*	3900	24c
3HV382§	820	24c	3HV247†	4700	24c

6000 WVDC					
6HV310#	100	36c	6HV347†	470	36c
6HV312#	120	36c	6HV356†	560	36c
6HV315#	150	36c	6HV368†	680	36c
6HV322#	220	36c	6HV375^	750	36c
6HV327#	270	36c	6HV382^	820	36c
6HV333†	330	36c	6HV210♦	1000	48c

Tantalum Foil Capacitors

PLAIN FOIL TO MIL-C-3965

Mallory plain foil tantalum capacitors shown on this page are in **uninsulated** cases. For insulated cases add "one" to the type number shown (CL30 becomes CL31, etc.) and add 10c to the

prices shown in the table on the previous page. **Case sizes, prices and tolerances are shown on previous page.**

-55°C TO +125°C

CL30/31 POLARIZED

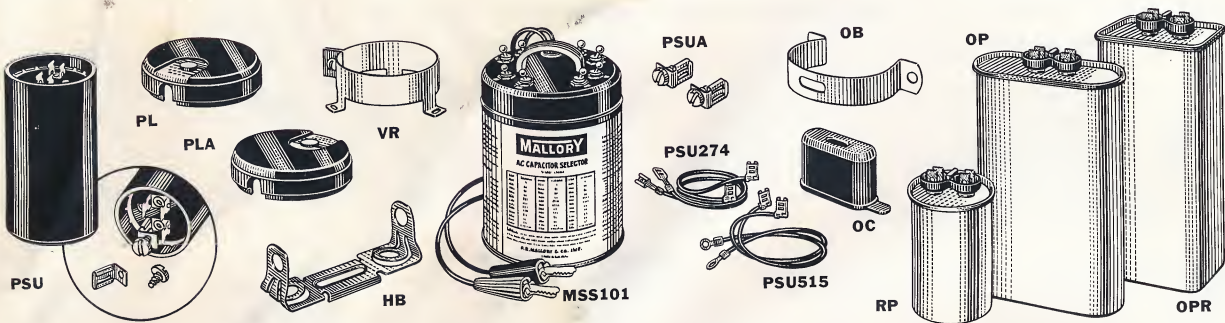
Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55°C 120CPS (Ohms)
				25° C	125° C	
4.5	10	CL30CD4R5MP3	A2	1	2	495
18	10	CL30CD180MP3	B2	2	4	125
55	10	CL30CD550MP3	C2	2	10	41
110	10	CL30CD111MP3	D2	4	20	20
160	10	CL30CD161MP3	E2	5	30	14
3	15	CL30CE030MP3	A2	1	3	744
12	15	CL30CE120MP3	B2	2	6	186
35	15	CL30CE350MP3	C2	2	12	64
70	15	CL30CE700MP3	D2	4	25	32
100	15	CL30CE101MP3	E2	4	20	23
1.5	30	CL30CH1R5MP3	A2	1	4	1487
6	30	CL30CH060MP3	B2	2	6	372
20	30	CL30CH200MP3	C2	2	13	112
40	30	CL30CH400MP3	D2	4	26	56
55	30	CL30CH550MP3	E2	6	38	41
1	50	CL30CJ010MP3	A2	1	4	2255
4	50	CL30CJ040MP3	B2	2	6	558
14	50	CL30CJ140MP3	C2	2	13	159
28	50	CL30CJ280MP3	D2	4	26	80
40	50	CL30CJ400MP3	E2	6	38	56
0.8	60	CL30CK0R8MP3	A2	1	3.5	2790
3	60	CL30CK030MP3	B2	2	6	1115
10	60	CL30CK100MP3	C2	2	13	223
20	60	CL30CK200MP3	D2	3	25	112
30	60	CL30CK300MP3	E2	6	38	74
0.5	100	CL30CN0R5MP3	A2	2	4	4454
2	100	CL30CN020MP3	B2	2	6	1115
7	100	CL30CN070MP3	C2	3	13	319
14	100	CL30CN140MP3	D2	4	26	159
20	100	CL30CN200MP3	E2	6	38	112
0.35	150	CL30CQR35MP3	A2	1	10.5	5000
1.5	150	CL30CQR1R5MP3	B2	2	20	1800
5	150	CL30CQ050MP3	C2	3	70	450
10	150	CL30CQ100MP3	D2	6	100	250
15	150	CL30CQ150MP3	E2	10	200	150

CL32/33 NON-POLARIZED

Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55°C 120CPS (Ohms)
				25° C	125° C	
2.5	10	CL32CD2R5MN3	A2	1	2	893
10	10	CL32CD100MN3	B2	2	4	223
35	10	CL32CD350MN3	C2	2	10	64
70	10	CL32CD700MN3	D2	4	20	32
100	10	CL32CD101MN3	E2	5	30	23
1.5	15	CL32CE1R5MN3	A2	1	3	1487
6	15	CL32CE060MN3	B2	2	6	372
20	15	CL32CE200MN3	C2	2	12	112
40	15	CL32CE400MN3	D2	4	26	56
60	15	CL32CE600MN3	E2	5	36	37
0.8	30	CL32CH0R8MN3	A2	1	4	2790
3	30	CL32CH030MN3	B2	2	6	743
10	30	CL32CH100MN3	C2	2	13	223
20	30	CL32CH200MN3	D2	4	26	112
30	30	CL32CH300MN3	E2	6	38	75
0.5	50	CL32CJ0R5MN3	A2	1	4	4460
2	50	CL32CJ020MN3	B2	2	6	1115
7	50	CL32CJ070MN3	C2	2	13	319
14	50	CL32CJ140MN3	D2	4	26	159
20	50	CL32CJ200MN3	E2	6	38	112
0.4	60	CL32CK0R4MN3	A2	1	3.5	5580
1.5	60	CL32CK1R5MN3	B2	2	6	1487
5	60	CL32CK050MN3	C2	2	13	446
10	60	CL32CK100MN3	D2	3	25	223
15	60	CL32CK150MN3	E2	6	38	149
0.25	100	CL32CN0R5MN3	A2	2	4	8908
1	100	CL32CN010MN3	B2	2	6	2227
3.5	100	CL32CN3R5MN3	C2	3	13	638
7	100	CL32CN070MN3	D2	4	26	319
10	100	CL32CN100MN3	E2	6	38	223
0.15	150	CL32CQR15MN3	A2	1	10.5	14000
0.75	150	CL32CQR75MN3	B2	2	20	3000
2.5	150	CL32CQ2R5MN3	C2	3	70	900
5	150	CL32CQ050MN3	D2	6	100	450
7.5	150	CL32CQ7R5MN3	E2	10	200	325

CL34/35 POLARIZED						CL36/37 NON-POLARIZED						
10	3	CL34BA100MP3	A1	1	2	10	3	CL36BA100MN3	A1	1	2	263
50	3	CL34BA500MP3	B1	2	6	45	3	CL36BA450MN3	B1	2	6	59
8	6	CL34BB080MP3	A1	1	2	140	3	CL36BA141MN3	C1	2	10	19
30	6	CL34BB300MP3	B1	2	6	280	3	CL36BA281MN3	D1	3	30	10
100	6	CL34BB101MP3	C1	2	10	400	3	CL36BA401MN3	C1	5	50	6
200	6	CL34BB201MP3	D1	5	30	7	6	CL36BB070MN3	A1	1	2	377
300	6	CL34BB301MP3	E1	10	50	25	6	CL36BB250MN3	B1	2	6	105
6	10	CL34BD060MP3	A1	1	2	85	6	CL36BB850MN3	C1	2	10	31
25	10	CL34BD250MP3	B1	2	6	170	6	CL36BB171MN3	D1	5	30	15
80	10	CL34BD800MP3	C1	2	10	250	6	CL36BB251MN3	E1	10	50	11
160	10	CL34BD161MP3	D1	4	20	4	10	CL36BD040MN3	A1	1	2	660
220	10	CL34BD221MP3	E1	5	50	16	10	CL36BD160MN3	B1	2	6	165
4.5	15	CL34BE4R5MP3	A1	1	2	55	10	CL36BD550MN3	C1	2	10	48
10	15	CL34BE100MP3	B1	2	4	110	10	CL36BD111MN3	D1	4	20	24
18	15	CL34BE180MP3	B1	2	4	150	10	CL36BD151MN3	E1	5	50	18
55	15	CL34BE550MP3	C1	2	10	2.5	15	CL36BE2R5MN3	A1	1	2	892
110	15	CL34BE111MP3	D1	4	20	10	15	CL36BE100MN3	B1	2	4	223
160	15	CL34BE161MP3	E1	5	30	35	15	CL36BE350MN3	C1	2	10	64
2.5	30	CL34BH2R5MP3	A1	2	5	70	15	CL36BE700MN3	D1	4	20	32
30	30	CL34BH300MP3	C1	2	11	100	15	CL36BE101MN3	E1	5	30	23
60	30	CL34BH600MP3	D1	4	20	1.5	25	CL36BG1R5MN3	A1	2	4	1485
85	30	CL34BH850MP3	E1	6	30	6	25	CL36BG060MN3	B1	2	6	372
1.5	50	CL34BJ1R5MP3	A1	1	4	20	25	CL36BG200MN3	C1	3	10	111
6	50	CL34BJ060MP3	B1	2	6	40	25	CL36BG400MN3	D1	4	20	56
20	50	CL34BJ200MP3	C1	2	13	60	25	CL36BG600MN3	E1	5	30	38
40	50	CL34BJ400MP3	D1	4	26	1.4	30	CL36BH1R4MN3	A1	2	5	1594
55	50	CL34BJ550MP3	E1	6	38	5.5	30	CL36BH5R5MN3	B1	2	6	406
1	75	CL34BL010MP3	A1	1	4	18	30	CL36BH180MN3	C1	2	11	124
4	75	CL34BL040MP3	B1	2	6	36	30	CL36BH360MN3	D1	4	20	62
14	75	CL34BL140MP3	C1	2	13	45	30	CL36BH450MN3	E1	6	30	50
28	75	CL34BL280MP3	D1	4	26	0.8	50	CL36BJ0R8MN3	A1	1	4	2790
40	75	CL34BL400MP3	E1	6	38	3	50	CL36BJ030MN3	B1	2	6	743
0.8	100	CL34BN0R8MP3	A1	1	3.5	10	50	CL36BJ100MN3	C1	2	13	223
3	100	CL34BN030MP3	B1	2	6	20	50	CL36BJ200MN3	D1	4	26	112
10	100	CL34BN100MP3	C1	2	13	30	50	CL36BJ300MN3	E1	6	38	75
20	100	CL34BN200MP3	D1	3	25	0.5	75	CL36BL0R5MN3	A1	1	4	4460
30	100	CL34BN300MP3	E1	6	38	2	75	CL36BL020MN3	B1	8	16	1115
0.5	150	CL34BQ0R5MP3	A1	2	4	7	75	CL36BL070MN3	C1	2	13	319
2	150	CL34BQ020MP3	B1	2	6	14	75	CL36BL140MN3	D1	4	26	160
4	150	CL34BQ040MP3	C1	3	13	20	75	CL36BL200MN3	E1	6	38	112
7	150	CL34BQ070MP3	C1	3	13	0.4	100	CL36BN0R4MN3	A1	1	3.5	5600
8	150	CL34BQ080MP3	D1	4	26	1.5	100	CL36BN1R5MN3	B1	2	6	1485
12	150	CL34BQ120MP3	D1	4	26	5	100	CL36BN050MN3	C1	2	13	446
14	150	CL34BQ140MP3	D1	4	26	10	100	CL36BN100MN3	D1	3	25	223
20	150	CL34BQ200MP3	E1	6	38	15	100	CL36BN150MN3	E1	6	38	149
0.35	200	CL34BRR35LP3	A3	3	13	0.25	150	CL36BQR25MN3	A1	2	4	8920
1.5	200	CL34BRR1R5LP3	B3	4	16	1	150	CL36BQ010MN3	B1	2	6	2230
5	200	CL34BRR050LP3	C3	8	32	3.5	150	CL36BQ3R5MN3	C1	3	13	635
10	200	CL34BRR100LP3	D3	14	56	7	150	CL36BQ070MN3	D1	4	26	319
15	200	CL34BRR150LP3	E3	20	80	10	150	CL36BQ100MN3	E1	6	38	223
0.3	250	CL34BSR30LP3	A3	3	16	0.15	200	CL36BRR15LN3	A4	6	26	13000
1.2	250	CL34BS1R2LP3	B3	4	20	0.75	200	CL36BRR75LN3	B4	8	32	2600
4	250	CL34BS040LP3	C3	8	40	2.5	200	CL36BR2R5LN3	C4	16	64	800
8	250	CL34BS080LP3	D3	14	70	5	200	CL36BR050LN3	D4	28	112	400
12	250	CL34BS120LP3	E3	20	90	7.5	200	CL36BR7R5LN3	E4	40	160	260
1	300	CL34BX010LP3	B3	4	22	0.15	250	CL36BSR15LN3	A4	6	32	13000
3	300	CL34BX030LP3	C3	9	45	0.6	250	CL36BS0R6LN3	B4	8	40	3300
7	300	CL34BX070LP3	D3	16	80	2	250	CL36BS020LN3	C4	16	80	1000
10	300	CL34BX100LP3	E3	22	100	4	250	CL36BS040LN3	D4	28	140	500
						6	250	CL36BS060LN3	E4	40	200	330

AC Motor Capacitors



MOTOR STARTING CAPACITORS

PSU capacitors are dry electrolytic non-polarized types for intermittent duty in AC motor starting circuits. Capacitors are rated at minimum to maximum microfarads. Round cases are of moisture and oil resistant molded plastic. Equipped with two quick disconnect terminals. Packed with two PSUA terminal adapters for solder or screw type connection. May be mounted by means of PL plastic end cap and HB metal snap-in bracket or VR clamp-bracket. (Order separately.)

TYPE PSU

Mallory No.	Cap. μ f	V AC	Size, In. D. x L.	List Pr. Ea. \$
PSU2010	20-24	110	1 1/8 x 2 3/4	2.05
PSU2610	26-31	110	1 1/8 x 2 3/4	2.10
PSU3210	32-39	110	1 1/8 x 2 3/4	2.10
PSU3810	38-46	110	1 1/8 x 2 3/4	2.10
PSU4310	43-52	110	1 1/8 x 2 3/4	2.10
PSU5310	53-64	110	1 1/8 x 2 3/4	2.15
PSU6410	64-77	110	1 1/8 x 2 3/4	2.25
PSU7010	70-84	110	1 1/8 x 2 3/4	2.40
PSU7510	75-90	110	1 1/8 x 2 3/4	2.55
PSU8610	86-103	110	1 1/8 x 2 3/4	2.65
PSU9710	97-116	110	1 1/8 x 2 3/4	2.80
PSU10810	108-130	110	1 1/8 x 2 3/4	2.85
PSU12410	124-149	110	1 1/8 x 2 3/4	2.95
PSU13010	130-156	110	1 1/8 x 2 3/4	2.95
PSU14510	145-174	110	1 1/8 x 2 3/4	3.20
PSU15810	158-190	110	1 1/8 x 2 3/4	3.25
PSU16110	161-193	110	1 1/8 x 2 3/4	3.25
PSU19210	192-230	110	1 1/8 x 2 3/4	3.75
PSU19410	194-233	110	1 1/8 x 2 3/4	3.90
PSU20010	200-240	110	1 1/8 x 2 3/4	3.90
PSU21610	216-259	110	1 1/8 x 2 3/4	4.05
PSU23310	233-280	110	1 1/8 x 2 3/4	4.50
PSU24310	243-292	110	1 1/8 x 2 3/4	4.70
PSU27010	270-324	110	1 1/8 x 2 3/4	4.75
PSU28210	282-338	110	1 1/8 x 2 3/4	4.85
PSU32410	324-389	110	1 1/8 x 2 3/4	5.40
PSU34010	340-408	110	1 1/8 x 2 3/4	5.55
PSU34110	341-409	110	1 1/8 x 2 3/4	5.55
PSU37810	378-454	110	1 1/8 x 2 3/4	6.00
PSU40010	400-480	110	1 1/8 x 2 3/4	6.05
PSU43010	430-516	110	1 1/8 x 2 3/4	6.95
PSU48510	485-582	110	1 1/8 x 2 3/4	7.60
PSU54010	540-648	110	1 1/8 x 2 3/4	8.15
PSU3825	38-46	125	1 1/8 x 2 3/4	2.30
PSU7225	72-86	125	1 1/8 x 2 3/4	2.55
PSU8625	86-104	125	1 1/8 x 2 3/4	2.75
PSU10825	108-130	125	1 1/8 x 2 3/4	3.05
PSU12425	124-149	125	1 1/8 x 2 3/4	3.25
PSU13025	130-156	125	1 1/8 x 2 3/4	3.25
PSU14525	145-174	125	1 1/8 x 2 3/4	3.65
PSU16125	161-193	125	1 1/8 x 2 3/4	3.85
PSU18925	189-229	125	1 1/8 x 2 3/4	4.20
PSU19225	192-230	125	1 1/8 x 2 3/4	4.30
PSU24325	243-292	125	1 1/8 x 2 3/4	5.20
PSU27325	273-328	125	1 1/8 x 2 3/4	5.50
PSU32425	324-389	125	1 1/8 x 2 3/4	5.80
PSU34125	341-409	125	1 1/8 x 2 3/4	6.50
PSU40025	400-480	125	1 1/8 x 2 3/4	6.75
PSU48525	485-540	125	1 1/8 x 2 3/4	7.45
PSU18965	189-227	165	1 1/8 x 2 3/4	7.25
PSU21665	216-259	165	1 1/8 x 2 3/4	7.50
PSU24365	243-292	165	1 1/8 x 2 3/4	8.60
PSU2520	25-30	220	1 1/8 x 2 3/4	4.60
PSU3220	32-38	220	1 1/8 x 2 3/4	4.90
PSU3820	38-46	220	1 1/8 x 2 3/4	5.30
PSU4320	43-52	220	1 1/8 x 2 3/4	5.55
PSU5020	50-60	220	1 1/8 x 2 3/4	5.65
PSU5320	53-64	220	1 1/8 x 2 3/4	5.75
PSU6420	64-77	220	1 1/8 x 2 3/4	6.75
PSU7020	70-84	220	1 1/8 x 2 3/4	7.00
PSU7520	75-90	220	1 1/8 x 2 3/4	7.35
PSU8620	86-103	220	1 1/8 x 2 3/4	7.65
PSU10820	108-130	220	1 1/8 x 2 3/4	7.65
PSU12120	121-145	220	1 1/8 x 2 3/4	8.60
PSU13520	135-162	220	1 1/8 x 2 3/4	9.00
PSU14120	141-169	220	1 1/8 x 2 3/4	9.35
PSU14120R	141-169*	220	1 1/8 x 2 3/4	9.60
PSU14520	145-174	220	1 1/8 x 2 3/4	10.00
PSU1850R	18-22*	250	1 1/8 x 2 3/4	4.50
PSU2550	25-30	250	1 1/8 x 2 3/4	4.70
PSU3650	36-43	250	1 1/8 x 2 3/4	5.80

*Furnished with Bleeder resistor.

TYPE PSU (Cont'd.)

Mallory No.	Cap. μ f	V AC	Size, In. D. x L.	List Pr. Ea. \$
PSU4350	43-53	250	1 1/8 x 2 3/4	5.90
PSU5050	50-60	250	1 1/8 x 2 3/4	5.75
PSU5950	59-71	250	1 1/8 x 2 3/4	6.90
PSU7550	75-90	250	1 1/8 x 2 3/4	7.25
PSU8150	81-97	250	1 1/8 x 2 3/4	7.50
PSU10850	108-130	250	1 1/8 x 2 3/4	9.40
PSU12150	121-145	250	1 1/8 x 2 3/4	9.90
PSU13550	135-162	250	1 1/8 x 2 3/4	10.30
PSU14150	141-169	250	1 1/8 x 2 3/4	11.50
PSU16150R	161-193*	250	1 1/8 x 2 3/4	13.45
PSU18950	189-227	250	1 1/8 x 2 3/4	14.45
PSU2730	27-32	330	1 1/8 x 2 3/4	5.20
PSU3430	34-42	330	1 1/8 x 2 3/4	5.40
PSU7230	72-88	330	1 1/8 x 2 3/4	8.60
PSU8130	81-90	330	1 1/8 x 2 3/4	10.00
PSU10830	108-130*	330	1 1/8 x 2 3/4	12.25
PSU10830R	108-130*	330	1 1/8 x 2 3/4	12.50
PSU12430	124-149	330	1 1/8 x 2 3/4	13.65
PSU12730	127-152	330	1 1/8 x 2 3/4	13.75
PSU13530	135-162	330	1 1/8 x 2 3/4	13.45
PSU13530R	135-162*	330	1 1/8 x 2 3/4	14.20

*Furnished with Bleeder resistor.

CONTINUOUS DUTY (MOTOR RUN)

Designed for heavy duty AC applications. Used as motor running capacitors, fluorescent light ballast, etc., where continuous duty is required. Supplied in metal cases, may be safely operated up to 10% above rated voltages and from -30° to +70° C. Impregnating oil is non-flammable. Quick disconnect terminals have flash guards to prevent arcing. Tolerance: $\pm 10\%$.

TYPE RP (ROUND)

Mallory No.	Cap. μ f	V AC	Size, Inches Dia. x Lgth.	List Pr. Ea. \$
RP3301	1	330	1 1/8 x 1 1/2	4.20
RP3302	2	330	1 1/8 x 1 1/2	5.20
RP3303	3	330	2 x 1 1/4	6.20
RP3304	4	330	2 x 2 1/8	6.20
RP3305	5	330	2 x 2 1/8	6.80
RP3306	6	330	2 x 2 1/8	7.50
RP3307	7	330	2 x 2 1/8	7.90
RP3308	8	330	2 x 2 1/8	8.35
RP3310	10	330	2 1/2 x 3 1/8	9.55
RP3312	12	330	2 1/2 x 3 1/8	10.90
RP3315	15	330	2 1/2 x 4 3/8	13.80

TYPE OP (OVAL)

Mallory No.	Cap. μ f	V AC	Size, Inches	List Pr. Ea. \$
OP1065	10	165	1 1/8 x 2 5/8 x 2 7/8	9.20
OP336	3	236	1 1/8 x 2 5/8 x 2 1/8	4.20
OP436	4	236	1 1/8 x 2 5/8 x 2 1/8	4.50
OP536	5	236	1 1/8 x 2 5/8 x 2 1/8	5.00
OP7x36	7.5	236	1 1/8 x 2 5/8 x 2 1/8	9.30
OP1036	10	236	1 1/8 x 2 5/8 x 2 1/8	10.30
OP1536	15	236	1 1/8 x 2 5/8 x 2 1/8	11.65
OP2036	20	236	1 1/8 x 2 5/8 x 2 1/8	17.00
OP17525	17.5	250	2 5/8 x 2 7/8 x 3 1/8	15.80
OP1033	10	330	2 5/8 x 2 7/8 x 3 1/8	10.50
OP14533	14.5	330	2 5/8 x 2 7/8 x 3 1/8	11.65
OP370	3	370	1 1/8 x 2 5/8 x 2 1/8	4.40
OP470	4	370	1 1/8 x 2 5/8 x 2 1/8	4.70
OP570	5	370	1 1/8 x 2 5/8 x 2 1/8	6.05
OP670	6	370	1 1/8 x 2 5/8 x 2 1/8	7.70
OP7x570	7.5	370	1 1/8 x 2 5/8 x 2 1/8	9.70
OP1070	10	370	1 1/8 x 2 5/8 x 2 1/8	10.90
OP12x70	12.5	370	1 1/8 x 2 5/8 x 2 1/8	11.65
OP1570B	15	370	1 1/8 x 2 5/8 x 2 1/8	11.65
OP1570	15	370	1 1/8 x 2 5/8 x 2 1/8	11.65
OP17570B	17.5	370	1 1/8 x 2 5/8 x 2 1/8	14.20
OP17570	17.5	370	1 1/8 x 2 5/8 x 2 1/8	14.20
OP2070B	20	370	1 1/8 x 2 5/8 x 2 1/8	17.20

TYPE OP (Cont'd.)

Mallory No.	Cap. μ f	V AC	Size, Inches	List Pr. Ea. \$
OP2070	20	370	2 5/8 x 2 7/8 x 4 1/2	17.20
OP2570B	25	370	2 5/8 x 2 7/8 x 4 1/2	21.00
OP2570C	25	370	2 5/8 x 2 7/8 x 4 1/2	21.00
OP2570	25	370	2 5/8 x 2 7/8 x 4 1/2	21.00
OP3070	30	370	2 5/8 x 2 7/8 x 4 1/2	23.25
OP3570	35	370	2 5/8 x 2 7/8 x 4 1/2	24.30
OP35D570	35, 5	370	2 5/8 x 2 7/8 x 4 1/2	30.35
OP240	2	440	1 1/8 x 2 5/8 x 2 1/8	5.45
OP340	3	440	1 1/8 x 2 5/8 x 2 1/8	5.80
OP440	4	440	1 1/8 x 2 5/8 x 2 1/8	6.45
OP540	5	440	1 1/8 x 2 5/8 x 2 1/8	8.00
OP7x40	7.5	440	1 1/8 x 2 5/8 x 2 1/8	10.45
OP1040	10	440	1 1/8 x 2 5/8 x 2 1/8	11.40
OP1044	10	440	1 1/8 x 2 5/8 x 2 1/8	11.40
OP1540	15	440	1 1/8 x 2 5/8 x 2 1/8	15.80
OP17x40	17.5	440	1 1/8 x 2 5/8 x 2 1/8	19.20
OP2040	20	440	1 1/8 x 2 5/8 x 2 1/8	19.20
OP2540	25	440	1 1/8 x 2 5/8 x 2 1/8	27.20
OP3040	30	440	1 1/8 x 2 5/8 x 2 1/8	31.65
OP3540	35	440	1 1/8 x 2 5/8 x 2 1/8	35.00

TYPE OPR (RECTANGULAR)

Mallory No.	Cap. μ f	V AC	Size, Inches	List Pr. Ea. \$
OPR2070	20	370	2 5/8 x 2 7/8 x 5 1/8	22.00
OPR2570	25	370	2 5/8 x 2 7/8 x 5 1/8	23.35
OPR2570B	25	370	2 5/8 x 2 7/8 x 5 1/8	23.35
OPR3070	30	370	2 5/8 x 2 7/8 x 5 1/8	24.80
OPR3570	35	370	2 5/8 x 2 7/8 x 5 1/8	25.90
OPR4070	40	370	2 5/8 x 2 7/8 x 5 1/8	36.60
OPR4570	45	370	2 5/8 x 2 7/8 x 5 1/8	40.10
OPR2040	20	440	2 5/8 x 2 7/8 x 6 3/4	22.60
OPR2040B	20	440	2 5/8 x 2 7/8 x 6 3/4	22.60
OPR2540	25	440	2 5/8 x 2 7/8 x 6 3/4	27.20
OPR3040	30	440	2 5/8 x 2 7/8 x 6 3/4	31.70
OPR3540	35	440	2 5/8 x 2 7/8 x 6 3/4	35.00
OPR4040	40	440	2 5/8 x 2 7/8 x 6 3/4	38.40
OPR4540	45	440	2 5/8 x 2 7/8 x 6 3/4	42.50
OPR5040B	50	440	2 5/8 x 2 7/8 x 6 3/4	46.70
OPR5040	50	440	2 5/8 x 2 7/8 x 6 3/4	46.70
OPR5540	55	440	2 5/8 x 2 7/8 x 7 1/2	62.90

AC CAPACITOR HARDWARE

Mallory No.	Description	Cap. Size, In.	List Pr. Ea. \$
ACR15K	15K ohm/2 w. resist—5/pkg.		\$1.25
PL3	End cap—Wire in	1 1/8	.13
PL6	End cap—Wire in	1 1/8	.17
PL8	End cap—Wire in	2 1/8	.20
PL10	End cap—Wire in	2 1/8	.42
PLA3	End cap—Wire out	1 1/8	.13
PLA6	End cap—Wire out	1 1/8	.17
PLA8	End cap—Wire out	2 1/8	.20
PLA10	End cap—Wire out	2 1/8	.42
HB2	Horiz. bracket	3 1/4*	.22
HB4	Horiz. bracket	3 3/8*	.22
HB8	Horiz. bracket	4 1/8*	.25
VR1	Vert. mtg. clamp	1-1 1/8	.18
VR3	Vert. mtg. clamp	1 3/8-1 7/8	.20
VR4	Vert. mtg. clamp	1 1/2-1 9/16	.23
VR6	Vert. mtg. clamp	1 3/4-1 11/16	.24

Tantalum Foil Capacitors

Mallory tantalum foil capacitors are available in either **etched** or **plain foil, polarized** or **non-polarized**, and in two temperature grades (+85° C or +125° C). Standard ratings shown below and on the next page are listed with **uninsulated** cases. For **insulating** sleeve, add "one" to type shown (CL20 becomes CL21, etc.) and

add **10c** to prices shown. Case sizes, tolerances and industrial net prices are shown in the table at the bottom of this page. These capacitors are also available to Mallory commercial numbers (TAF, TAG, TBF, TBG, etc.). For details on these numbers ask for Technical Bulletin 4-65.

ETCHED FOIL TO MIL-C-3965

-55° C TO +125° C

CL20/21 POLARIZED

Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55° C 120CPS (Ohms)
				25° C	125° C	
15	10	CL20CD150UP3	A2	2	4	480
60	10	CL20CD600UP3	B2	2.5	10	120
200	10	CL20CD201UP3	C2	3	50	36
400	10	CL20CD401UP3	D2	6	80	18
580	10	CL20CD581UP3	E2	9	100	12
10	15	CL20CE100UP3	A2	2	4	720
40	15	CL20CE400UP3	B2	2.5	15	180
120	15	CL20CE121UP3	C2	3	40	58
250	15	CL20CE251UP3	D2	6	90	29
350	15	CL20CE351UP3	E2	12	100	21
4.5	30	CL20CH4R5TP3	A2	2	4	754
18	30	CL20CH180TP3	B2	2	14	188
60	30	CL20CH600TP3	C2	3	50	57
100	30	CL20CH101TP3	D2	4	75	34
150	30	CL20CH151TP3	E2	5	112	23
3	50	CL20CJ030TP3	A2	2	4	1128
12	50	CL20CJ120TP3	B2	2	14	282
30	50	CL20CJ300TP3	C2	3	34	113
70	50	CL20CJ700TP3	D2	7.5	80	49
100	50	CL20CJ101TP3	E2	13	112	34
2	60	CL20CK020TP3	A2	2	4	1690
8	60	CL20CK080TP3	B2	2	12	424
25	60	CL20CK250TP3	C2	2.5	37	136
50	60	CL20CK500TP3	D2	5	75	68
70	60	CL20CK700TP3	E2	7	105	48
1	100	CL20CN010SP3	A2	2	4	3385
4	100	CL20CN040SP3	B2	2	14	847
13	100	CL20CN130SP3	C2	4	30	260
25	100	CL20CN250SP3	D2	5	80	135
36	100	CL20CN360SP3	E2	8	112	94

CL22/23 NON-POLARIZED

Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55° C 120CPS (Ohms)
				25° C	125° C	
10	10	CL22CD100UN3	A2	2	4	720
40	10	CL22CD400UN3	B2	2	10	180
120	10	CL22CD121UN3	C2	3	50	58
250	10	CL22CD251UN3	D2	6	80	29
350	10	CL22CD351UN3	E2	9	100	21
5	15	CL22CE050UN3	A2	2	4	1440
20	15	CL22CE200UN3	B2	2.5	15	360
70	15	CL22CE700UN3	C2	3	40	103
140	15	CL22CE141UN3	D2	6	90	52
200	15	CL22CE201UN3	E2	12	100	36
2.5	30	CL22CH2R5TN3	A2	2	4	1355
10	30	CL22CH100TN3	B2	2	14	339
30	30	CL22CH300TN3	C2	3	50	113
60	30	CL22CH600TN3	D2	4	75	57
80	30	CL22CH800TN3	E2	5	112	42
1.5	50	CL22CJ1R5TN3	A2	2	4	1487
6	50	CL22CJ060TN3	B2	2	14	560
15	50	CL22CJ150TN3	C2	3	34	226
35	50	CL22CJ350TN3	D2	4.5	80	97
50	50	CL22CJ500TN3	E2	13	112	68
1	60	CL22CK010TN3	A2	2	4	3385
4	60	CL22CK040TN3	B2	2	12	845
12	60	CL22CK120TN3	C2	2.5	37	282
25	60	CL22CK250TN3	D2	5	75	136
35	60	CL22CK350TN3	E2	7	105	97
0.5	100	CL22CN0R5SN3	A2	2	4	5770
2	100	CL22CN020SN3	B2	2	14	1693
6	100	CL22CN060SN3	C2	4	30	564
12	100	CL22CN120SN3	D2	5	80	282
18	100	CL22CN180SN3	E2	8	112	188

-55° C TO +85° C

CL24/25 POLARIZED

Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55° C 120CPS (Ohms)
				25° C	125° C	
15	15	CL24BE150UP3	A1	2	4	226
60	15	CL24BE600UP3	B1	2.5	10	58
200	15	CL24BE201UP3	C1	3	50	17
400	15	CL24BE401UP3	D1	6	80	9
580	15	CL24BE581UP3	E1	9	100	6
10	25	CL24BG100UP3	A1	2	4	339
40	25	CL24BG400UP3	B1	2.5	15	85
120	25	CL24BG121UP3	C1	3	40	27
250	25	CL24BG251UP3	D1	6	90	14
350	25	CL24BG351UP3	E1	12	100	10
8	30	CL24BH080UP3	A1	2	6	424
32	30	CL24BH320UP3	B1	2	14	106
110	30	CL24BH111UP3	C1	4	50	31
220	30	CL24BH221UP3	D1	8	90	16
300	30	CL24BH301UP3	E1	11	120	11
4.5	50	CL24BJ4R5TP3	A1	2	4	753
18	50	CL24BJ180TP3	B1	2	14	188
60	50	CL24BJ600TP3	C1	3	50	57
100	50	CL24BJ101TP3	D1	4	75	34
150	50	CL24BJ151TP3	E1	5	112	23
3	75	CL24BL030TP3	A1	2	4	1130
12	75	CL24BL120TP3	B1	2	14	283
30	75	CL24BL300TP3	C1	3	34	113
70	75	CL24BL700TP3	D1	7.5	80	48
100	75	CL24BL101TP3	E1	13	112	34
2	100	CL24BN020SP3	A1	2	4	1690
8	100	CL24BN080SP3	B1	2	12	428
25	100	CL24BN250SP3	C1	2.5	37	135
50	100	CL24BN500SP3	D1	5	75	68
70	100	CL24BN700SP3	E1	7	105	49
1	150	CL24BQ010SP3	A1	2	4	3000
4	150	CL24BQ040SP3	B1	2	14	750
13	150	CL24BQ130SP3	C1	4	30	261
25	150	CL24BQ250SP3	D1	5	80	135
36	150	CL24BQ360SP3	E1	8	112	94

CL26/27 NON-POLARIZED

Cap., μF	WVDC at Max. Temp.	Mallory Number	Size Code	Maximum DCL Microamps		Max. Imped. at -55° C 120CPS (Ohms)
				25° C	125° C	
10	15	CL26BE100UN3	A1	2	4	339
40	15	CL26BE400UN3	B1	2.5	10	85
120	15	CL26BE121UN3	C1	3	50	27
250	15	CL26BE251UN3	D1	6	80	14
350	15	CL26BE351UN3	E1	9	100	10
5	25	CL26BG050UN3	A1	2	4	680
20	25	CL26BG200UN3	B1	2.5	15	170
70	25	CL26BG700UN3	C1	3	40	49
140	25	CL26BG141UN3	D1	6	90	24
200	25	CL26BG201UN3	E1	12	100	17
4.5	30	CL26BH4R5UN3	A1	2	6	754
18	30	CL26BH180UN3	B1	2	14	188
60	30	CL26BH600UN3	C1	4	50	57
120	30	CL26BH121UN3	D1	8	90	28
170	30	CL26BH171UN3	E1	11	120	20
2.5	50	CL26BJ2R5TN3	A1	2	4	1355
10	50	CL26BJ100TN3	B1	2	14	339
30	50	CL26BJ300TN3	C1	3	50	113
60	50	CL26BJ600TN3	D1	4	75	57
80	50	CL26BJ800TN3	E1	5	112	41
1.5	75	CL26BL1R5TN3	A1	2	4	2255
6	75	CL26BL060TN3	B1	2	14	565
15	75	CL26BL150TN3	C1	3	34	226
35	75	CL26BL350TN3	D1	7.5	80	97
50	75	CL26BL500TN3	E1	13	112	68
1	100	CL26BN010SN3	A1	2	4	3385
4	100	CL26BN040SN3	B1	2	12	845
12	100	CL26BN120SN3	C1	2.5	37	283
25	100	CL26BN250SN3	D1	5	75	135
35	100	CL26BN350SN3	E1	7	105	97
0.5	150	CL26BQ0R5SN3	A1	2	4	6780
2	150	CL26BQ020SN3	B1	2	14	1693
6	150	CL26BQ060SN3	C1	4	30	565
12	150	CL26BQ120SN3	D1	5	80	283
18	150	CL26BQ180SN3	E1	8	112	188

TANTALUM FOIL CAPACITOR INDUSTRIAL NET PRICES

Size Code	Net Each, Lots of*						Size Code	Net Each, Lots of*					
	1-9	10-24	25-49	50-99	100-499	500-Up		1-9	10-24	25-49	50-99	100-499	500-Up
A1	\$ 4.20	\$ 3.33	\$ 2.42	\$ 1.70	\$ 1.19	\$ 1.03	A3	\$10.85	\$ 8.55	\$ 5.89	\$ 4.19	\$ 3.16	\$ 2.90
B1	6.60	4.51	3.47	2.47	1.70	1.56	B3	14.25	11.21	7.74	5.49	4.14	3.81
C1	10.40	7.17	5.51	3.92	2.68	2.47	C3	20.50	16.10	11.12	7.92	5.97	5.47
D1	14.60	10.03	7.70	5.49	3.78	3.46	D3	25.30	19.95	13.73	9.77	7.38	6.76
E1	19.60	13.44	10.30	7.34	5.06	4.63	E3	31.90	25.13	17.34	12.33	9.30	8.53
A2	7.35	5.18	3.99	2.84	1.96	1.79	A4	12.45	9.79	6.75	4.82	3.62	3.32
B2	10.50	7.36	5.70	4.05	2.79	2.55	B4	16.40	12.92	8.93	6.35	4.79	4.39
C2	16.15	11.40	8.79	6.26	4.29	3.93	C4	23.55	18.53	12.78	9.09	6.87	6.29
D2	24.55	17.29	13.30	9.45	6.55	5.96	D4	29.05	22.85	15.49	11.21	8.46	7.76
E2	31.75	22.37	17.24	12.24	8.46	7.71	E4	36.75	28.95	19.95	14.18	10.71	9.82

*Add 10c to prices shown for CL21, 23, 25, 27, 31, 33, 35, 37 (Mylar sleeve).

CASE SIZES

A = 3/16" dia. x 1 1/16"
B = 9/32" dia. x 7/16"
C = 3/8" dia. x 1 1/8"
D = 3/8" dia. x 2 1/8"
E = 3/8" dia. x 2 3/4"

For insulating sleeve, add .015" to dia. and .063" to length.

TOLERANCES

K = ±10%; L = ±15%; M = ±20%;
S = -15+30%; T = -15+30%; U =
-15+75%. (10th digit of Mallory
number.)

Solid Tantalum Capacitors

CS12, CS13 AND TAS SOLID ELECTROLYTE TANTALUM CAPACITORS



Ultra-miniature capacitors designed to withstand the most difficult environmental conditions. Furnished in hermetically sealed metal cases. Temperature range: -80° C to +85° C (to +125° C with derating). TAS commercial types 6 through 50 WVDC are shown on this page. TAS 75 and 100 WVDC are shown on the next page. CS12 and CS13 types to both MIL-C-26655A and MIL-C-26655B are shown on next page. **TAS ORDERING INFORMATION:** Are specified by a 13-digit part number. **Tolerance:** Specify **K** for ±10% or **M** for ±20%. **Insulating Sleeve:** TAS types are listed with uninsulated cases; for insulating sleeve, change

12th digit of part number from 0 to 1 and add 2c to prices shown. **Case Sizes:** TAS sizes are indicated by the last digit in the part number (**A, C, F, & G**). See price table below. **CS12/13 ORDERING INFORMATION:** Shown on next page to both MIL-C-26655A and MIL-C-26655B. Either type may be ordered. Prices are shown below by case code. **Tolerance:** Specify **K** for ±10% or **M** for ±20%. **Insulating Sleeve:** Uninsulated CS12 types are shown. For insulating sleeve, specify **CS13** and add 2c to prices shown. **Case Sizes:** Shown below by code letter in listing, see price table below.

STOCK VALUES—TAS TYPES

Cap., μF	6 WVDC Mallory No.†	10 WVDC Mallory No.†	15 WVDC Mallory No.†	20 WVDC Mallory No.†	35 WVDC Mallory No.†	50 WVDC Mallory No.†
.0047	TAS472*006P0A	TAS472*010P0A	TAS472*015P0A	TAS472*020P0A	TAS472*035P0A*	
.0056	TAS562*006P0A	TAS562*010P0A	TAS562*015P0A	TAS562*020P0A	TAS562*035P0A*	
.0068	TAS682*006P0A	TAS682*010P0A	TAS682*015P0A	TAS682*020P0A	TAS682*035P0A*	
.0082	TAS822*006P0A	TAS822*010P0A	TAS822*015P0A	TAS822*020P0A	TAS822*035P0A*	
.010	TAS103*006P0A	TAS103*010P0A	TAS103*015P0A	TAS103*020P0A	TAS103*035P0A*	
.012	TAS123*006P0A	TAS123*010P0A	TAS123*015P0A	TAS123*020P0A	TAS123*035P0A*	
.015	TAS153*006P0A	TAS153*010P0A	TAS153*015P0A	TAS153*020P0A	TAS153*035P0A*	
.018	TAS183*006P0A	TAS183*010P0A	TAS183*015P0A	TAS183*020P0A	TAS183*035P0A*	
.022	TAS223*006P0A	TAS223*010P0A	TAS223*015P0A	TAS223*020P0A	TAS223*035P0A*	
.027	TAS273*006P0A	TAS273*010P0A	TAS273*015P0A	TAS273*020P0A	TAS273*035P0A*	
.033	TAS333*006P0A	TAS333*010P0A	TAS333*015P0A	TAS333*020P0A	TAS333*035P0A*	
.039	TAS393*006P0A	TAS393*010P0A	TAS393*015P0A	TAS393*020P0A	TAS393*035P0A*	
.047	TAS473*006P0A	TAS473*010P0A	TAS473*015P0A	TAS473*020P0A	TAS473*035P0A*	
.056	TAS563*006P0A	TAS563*010P0A	TAS563*015P0A	TAS563*020P0A	TAS563*035P0A*	
.068	TAS683*006P0A	TAS683*010P0A	TAS683*015P0A	TAS683*020P0A	TAS683*035P0A*	
.082	TAS823*006P0A	TAS823*010P0A	TAS823*015P0A	TAS823*020P0A	TAS823*035P0A*	
.10	TAS104*006P0A	TAS104*010P0A	TAS104*015P0A	TAS104*020P0A	TAS104*035P0A*	
.12	TAS124*006P0A	TAS124*010P0A	TAS124*015P0A	TAS124*020P0A	TAS124*035P0A*	
.15	TAS154*006P0A	TAS154*010P0A	TAS154*015P0A	TAS154*020P0A	TAS154*035P0A*	
.18	TAS184*006P0A	TAS184*010P0A	TAS184*015P0A	TAS184*020P0A	TAS184*035P0A*	
.22	TAS224*006P0A	TAS224*010P0A	TAS224*015P0A	TAS224*020P0A	TAS224*035P0A*	
.27	TAS274*006P0A	TAS274*010P0A	TAS274*015P0A	TAS274*020P0A	TAS274*035P0A*	
.33	TAS334*006P0A	TAS334*010P0A	TAS334*015P0A	TAS334*020P0A	TAS334*035P0A*	
.39	TAS394*006P0A	TAS394*010P0A	TAS394*015P0A	TAS394*020P0A	TAS394*035P0A*	
.47	TAS474*006P0A	TAS474*010P0A	TAS474*015P0A	TAS474*020P0A	TAS474*035P0A*	
.56	TAS564*006P0A	TAS564*010P0A	TAS564*015P0A	TAS564*020P0A	TAS564*035P0A*	
.68	TAS684*006P0A	TAS684*010P0A	TAS684*015P0A	TAS684*020P0A	TAS684*035P0A*	
.82	TAS824*006P0A	TAS824*010P0A	TAS824*015P0A	TAS824*020P0A	TAS824*035P0A*	
1.0	TAS105*006P0A	TAS105*010P0A	TAS105*015P0A	TAS105*020P0A	TAS105*035P0A*	
1.2	TAS125*006P0A	TAS125*010P0A	TAS125*015P0A	TAS125*020P0A*	TAS125*035P0A*	
1.5	TAS155*006P0A	TAS155*010P0A	TAS155*015P0A	TAS155*020P0A*	TAS155*035P0A*	
1.8	TAS185*006P0A	TAS185*010P0A	TAS185*015P0A	TAS185*020P0A*	TAS185*035P0A*	
2.2	TAS225*006P0A	TAS225*010P0A	TAS225*015P0A	TAS225*020P0A*	TAS225*035P0A*	
2.7	TAS275*006P0A	TAS275*010P0A	TAS275*015P0A*	TAS275*020P0C	TAS275*035P0C*	
3.3	TAS335*006P0A	TAS335*010P0A	TAS335*015P0A*	TAS335*020P0C	TAS335*035P0C*	
3.9	TAS395*006P0A	TAS395*010P0A*	TAS395*015P0C	TAS395*020P0C	TAS395*035P0C*	
4.7	TAS475*006P0A	TAS475*010P0A*	TAS475*015P0C	TAS475*020P0C	TAS475*035P0C*	
5.6	TAS565*006P0A*	TAS565*010P0C	TAS565*015P0C	TAS565*020P0C	TAS565*035P0C*	
6.8	TAS685*006P0A*	TAS685*010P0C	TAS685*015P0C	TAS685*020P0C	TAS685*035P0C*	
8.2	TAS825*006P0C	TAS825*010P0C	TAS825*015P0C	TAS825*020P0C*	TAS825*035P0F*	
10	TAS106*006P0C	TAS106*010P0C	TAS106*015P0C	TAS106*020P0C*	TAS106*035P0F*	
12	TAS126*006P0C	TAS126*010P0C	TAS126*015P0C	TAS126*020P0C*	TAS126*035P0F*	
15	TAS156*006P0C	TAS156*010P0C	TAS156*015P0C	TAS156*020P0C*	TAS156*035P0F*	
18	TAS186*006P0C	TAS186*010P0C	TAS186*015P0C*	TAS186*020P0F	TAS186*035P0F*	
22	TAS226*006P0C	TAS226*010P0C	TAS226*015P0C*	TAS226*020P0F	TAS226*035P0F*	
27	TAS276*006P0C	TAS276*010P0C*	TAS276*015P0F	TAS276*020P0F*	TAS276*035P0G*	
33	TAS336*006P0C	TAS336*010P0C*	TAS336*015P0F	TAS336*020P0F*	TAS336*035P0G*	
39	TAS396*006P0C	TAS396*010P0C*	TAS396*015P0F	TAS396*020P0F*	TAS396*035P0G*	
47	TAS476*006P0C*	TAS476*010P0F	TAS476*015P0F	TAS476*020P0F*	TAS476*035P0G*	
56	TAS566*006P0C*	TAS566*010P0F	TAS566*015P0F*	TAS566*020P0G*		
68	TAS686*006P0F	TAS686*010P0F	TAS686*015P0F*	TAS686*020P0G*		
82	TAS826*006P0F	TAS826*010P0F*	TAS826*015P0G	TAS826*020P0G*	TAS686M035P0G	
100	TAS107*006P0F	TAS107*010P0F*	TAS107*015P0G	TAS107*020P0G*		
120	TAS127*006P0F	TAS127*010P0F*	TAS127*015P0G*			
150	TAS157*006P0F*	TAS157*010P0G	TAS157*015P0G*			
180	TAS187*006P0F*	TAS187*010P0G*				
220	TAS227*006P0G	TAS227*010P0G*				
270	TAS277*006P0G*					
330	TAS337*006P0G*					

*Specify **K** for ±10% tolerance or **M** for ±20%. *Parent value; Max. WVDC vs. capacity, size and price. †Last letter indicates size; see pricing below.

TAS AND CS12/13 INDUSTRIAL NET PRICES

Prices shown are for bare metal case types. Add 2c for types with insulating sleeve; add .010" dia. for sleeve.

FOR 6, 10, 15, 20 AND 35 WVDC

Case Code †	Case Size, Inches Dia. x L.	WVDC	Capacity Range, μF	For ±10% Tol. (K), Net Each					For ±20% Tol. (M), Net Each				
				1-24	25-49	50-99	100-499	500-999	1-24	25-49	50-99	100-499	500-999
A	.125 x .250	6, 10, 15, 20, 35	.0047-6.8	\$1.32	\$1.05	\$0.73	\$0.60	\$0.51	\$1.29	\$1.03	\$0.70	\$0.57	\$0.48
C	.175 x .438	6, 10, 15, 20, 35	1.2-56	1.53	1.23	.75	.62	.52	1.50	1.20	.72	.59	.49
F	.279 x .650	6, 10, 15, 20	18-180	2.21	1.77	1.33	1.10	.92	2.18	1.74	1.30	1.07	.89
		35	8.2-22	2.53	2.03	1.40	1.14	.95	2.50	2.00	1.37	1.11	.93
G	.341 x .750	6, 10, 15, 20	56-330	4.48	3.53	2.32	1.89	1.58	4.45	3.50	2.29	1.86	1.55
		35	27-33	4.53	3.63	2.51	2.03	1.79	4.50	3.60	2.48	2.00	1.68
		35	39-47	4.73	3.78	2.78	2.27	1.89	4.70	3.75	2.75	2.24	1.86
		35	68						5.30	4.25	3.14	2.45	2.34

FOR 50 WVDC

Case Code	Case Size, Inches Dia. x L.	WVDC	Capacity Range, μF	\$2.45	\$1.97	\$1.66	\$1.43	\$1.29	\$1.90	\$1.50	\$1.28	\$1.09	\$1.00
A	.125 x .250	50	0.47-1.0										
C	.175 x .438	50	1.2-4.7	2.60	2.08	1.75	1.50	1.37	2.00	1.60	1.35	1.15	1.05
F	.279 x .650	50	5.6-18	4.25	3.40	2.88	2.45	2.24	3.25	2.60	2.20	1.89	1.72
G	.341 x .750	50	22	7.95	6.35	5.35	4.58	4.18	6.10	4.90	4.15	3.50	3.22

Solid Tantalum Capacitors

For bare metal case, order CS12 as listed. For insulating sleeve, specify CS13.

6 WVDC		
Cap., μ F	Mallory Number	Size
5.6	CS12AB5R6K	A
6.8	CS12AB6R8*	A
47	CS12AB470*	C
56	CS12AB560K	C
150	CS12AB151*	F
180	CS12AB181K	F
270	CS12AB271K	G
330	CS12AB331*	G

10 WVDC		
Cap., μ F	Mallory Number	Size
3.9	CS12AC3R9K	A
4.7	CS12AC4R7*	A
27	CS12AC270K	C
33	CS12AC330*	C
39	CS12AC390K	C
82	CS12AC820K	F
100	CS12AC101*	F
120	CS12AC121K	F
180	CS12AC181K	G
220	CS12AC221*	G

MIL-C-26655A, CS12 AND CS13

15 WVDC		
Cap., μ F	Mallory Number	Size
2.7	CS12AD2R7K	A
3.3	CS12AD3R3*	A
18	CS12AD180K	C
22	CS12AD220*	C
56	CS12AD560K	F
68	CS12AD680*	F
120	CS12AD121K	G
150	CS12AD151*	G

20 WVDC		
Cap., μ F	Mallory Number	Size
1.2	CS12AE1R2K	A
1.5	CS12AE1R5*	A
1.8	CS12AE1R8K	A
2.2	CS12AE2R2*	A
8.2	CS12AE8R2K	C
10	CS12AE100*	C
12	CS12AE120K	C
15	CS12AE150*	C
27	CS12AE270K	F
33	CS12AE330*	F
39	CS12AE390K	F
47	CS12AE470*	F
56	CS12AE560K	G
68	CS12AE680*	G
82	CS12AE820K	G
100	CS12AE101*	G

35 WVDC		
Cap., μ F	Mallory Number	Size
.33	CS12AFR33*	A
.39	CS12AFR39K	A
.47	CS12AFR47*	A
.56	CS12AFR56K	A
.68	CS12AFR68*	A
.82	CS12AFR82K	A
1.0	CS12AF10*	A
1.2	CS12AF1R2K	C
1.5	CS12AF1R5*	C
1.8	CS12AF1R8K	C
2.2	CS12AF2R2*	C
2.7	CS12AF2R7K	C
3.3	CS12AF3R3*	C
3.9	CS12AF3R9K	C
4.7	CS12AF4R7*	C
5.6	CS12AF5R6K	C
6.8	CS12AF6R8*	C
8.2	CS12AF8R2K	F
10	CS12AF100*	F
12	CS12AF120K	F
15	CS12AF150*	F
18	CS12AF180K	F
22	CS12AF220*	F
27	CS12AF270K	G
33	CS12AF330*	G
39	CS12AF390K	G
47	CS12AF470*	G

50 WVDC		
Cap., μ F	Mallory Number	Size
1.0	CS12AG010*	A
1.2	CS12AG1R2K	C
1.5	CS12AG1R5*	C
1.8	CS12AG1R8K	C
2.2	CS12AG2R2*	C
2.7	CS12AG2R7K	C
3.3	CS12AG3R3*	C
3.9	CS12AG3R9K	C
4.7	CS12AG4R7*	C
5.6	CS12AG5R6K	F
6.8	CS12AG6R8*	F
8.2	CS12AG8R2K	F
10	CS12AG100*	F
12	CS12AG120K	F
15	CS12AG150*	F
18	CS12AG180K	F
22	CS12AG220*	G

*Specify tolerance: K = $\pm 10\%$; M = $\pm 20\%$. For case sizes, see pricing table.

SEE PREVIOUS PAGE FOR PRICING, CASE SIZE AND ORDERING INFORMATION

• MIL-C-26655B, CS12 AND CS13

For bare metal case, order CS12 as listed. For insulating sleeve, specify CS13.

6 WVDC		
Cap., μ F	Mallory Number	Size
5.6	CS12BB565K	A
6.8	CS12BB685*	A
47	CS12BB476*	C
56	CS12BB566K	C
150	CS12BB157*	F
180	CS12BB187K	F
270	CS12BB277K	G
330	CS12BB337*	G

10 WVDC		
Cap., μ F	Mallory Number	Size
3.9	CS12BC395K	A
4.7	CS12BC475*	A
27	CS12BC276K	C
33	CS12BC336*	C
39	CS12BC396K	C
82	CS12BC826K	F
100	CS12BC107*	F
120	CS12BC127K	F
180	CS12BC187K	G
220	CS12BC227*	G

15 WVDC		
Cap., μ F	Mallory Number	Size
2.7	CS12BD275K	A
3.3	CS12BD335*	A
18	CS12BD186K	C
22	CS12BD226*	C
56	CS12BD566K	F
68	CS12BD686*	F
120	CS12BD127K	G
150	CS12BD157*	G

20 WVDC		
Cap., μ F	Mallory Number	Size
1.2	CS12BE125K	A
1.5	CS12BE155*	A
1.8	CS12BE185K	A
2.2	CS12BE225*	A
8.2	CS12BE825K	C
10	CS12BE106*	C
12	CS12BE126K	C
15	CS12BE156*	C
27	CS12BE276K	F
33	CS12BE336*	F
39	CS12BE396K	F
47	CS12BE476*	F
56	CS12BE566K	G
68	CS12BE686*	G
82	CS12BE826K	G
100	CS12BE107*	G

35 WVDC		
Cap., μ F	Mallory Number	Size
.33	CS12BF334*	A
.39	CS12BF394K	A
.47	CS12BF474*	A
.56	CS12BF564K	A
.68	CS12BF684*	A
.82	CS12BF824K	A
1.0	CS12BF105*	A
1.2	CS12BF125K	C
1.5	CS12BF155*	C
1.8	CS12BF185K	C
2.2	CS12BF225*	C
2.7	CS12BF275K	C
3.3	CS12BF335*	C
3.9	CS12BF395K	C
4.7	CS12BF475*	C
5.6	CS12BF565K	C
6.8	CS12BF685*	C
8.2	CS12BF825K	F
10	CS12BF106*	F
12	CS12BF126K	F
15	CS12BF156*	F
18	CS12BF186K	F
22	CS12BF226*	F
27	CS12BF276K	G
33	CS12BF336*	G
39	CS12BF396K	G
47	CS12BF476*	G

50 WVDC		
Cap., μ F	Mallory Number	Size
1.0	CS12BG105*	A
1.2	CS12BG125K	C
1.5	CS12BG155*	C
1.8	CS12BG185K	C
2.2	CS12BG225*	C
2.7	CS12BG275K	C
3.3	CS12BG335*	C
3.9	CS12BG395K	C
4.7	CS12BG475*	C
5.6	CS12BG565K	F
6.8	CS12BG685*	F
8.2	CS12BG825K	F
10	CS12BG106*	F
12	CS12BG126K	F
15	CS12BG156*	F
18	CS12BG186K	F
22	CS12BG226*	G

*Specify tolerance: K = $\pm 10\%$; M = $\pm 20\%$. For case sizes, see pricing table.

SEE PREVIOUS PAGE FOR PRICING, CASE SIZE AND ORDERING INFORMATION

TAS 75 AND 100 WVDC

Higher voltage versions of the TAS types listed on the previous page. Case sizes remain the same as the lower voltage versions. Furnished in hermetically sealed metal cases for maximum environmental

protection. Available with shrink-fit insulating sleeve (change 12th digit from 0 to 1, and add 2c to prices shown below. For complete technical details, ask for Bulletin 4-40.

75 WVDC		
Cap., μ F	Mallory Number	Size†
.47	TAS474*075P0A	A
.56	TAS564K075P0A	A
.68	TAS684*075P0A	A
.82	TAS824K075P0C	C
1.0	TAS105*075P0C	C
1.2	TAS125K075P0C	C
1.5	TAS155*075P0C	C
1.8	TAS185K075P0C	C
2.2	TAS225*075P0C	C
2.7	TAS275K075P0C	C
3.3	TAS335*075P0C	C

*Specify K for $\pm 10\%$ tol., M for $\pm 20\%$.

†CASE SIZES		
Size	Uninsulated	Insulated
A	.125 x .250	.135 x .286
C	.175 x .438	.185 x .474

±10% TOLERANCE					
Net Each, Lots of					
†	1-24	25-49	50-99	100-499	500-999
A	\$6.10	\$3.50	\$2.65	\$2.10	\$1.93
C	6.45	3.70	2.75	2.20	2.02

±20% TOLERANCE					
Size	1-24	25-49	50-99	100-499	500-999
A	\$4.70	\$2.70	\$2.05	\$1.60	\$1.48
C	4.95	2.85	2.15	1.70	1.55

100 WVDC		
Cap., μ F	Mallory Number	Size†
.47	TAS474*100P0A	A
.56	TAS564K100P0A	A
.68	TAS684*100P0C	C
.82	TAS824K100P0C	C
1.0	TAS105*100P0C	C
1.2	TAS125K100P0C	C
1.5	TAS155*100P0C	C
1.8	TAS185K100P0C	C
2.2	TAS225*100P0C	C
2.7	TAS275K100P0C	C

*Specify K for $\pm 10\%$ tol., M for $\pm 20\%$.

†CASE SIZES		
Size	Uninsulated	Insulated
A	.125 x .250	.135 x .286
C	.175 x .438	.185 x .474

±10% TOLERANCE					
Net Each, Lots of					
†	1-24	25-49	50-99	100-499	500-999
A	\$7.95	\$4.55	\$3.40	\$2.70	\$2.50
C	8.40	4.80	3.60	2.85	2.63

±20% TOLERANCE					
Size	1-24	25-49	50-99	100-499	500-999
A	\$6.10	\$3.50	\$2.65	\$2.10	\$1.93
C	6.45	3.70	2.75	2.20	2.02

TAM SOLID ELECTROLYTE



Mallory TAM tantalum capacitors are made to the same exacting standards as the TAS types. The TAM is designed for printed circuit board applications and has parallel leads $1\frac{1}{2}$ " long spaced .200" apart. Case is premolded plastic with polarity markings on the top. Temperature range is -55°C to $+85^{\circ}\text{C}$. Standard tolerance: $\pm 20\%$. Stability and life characteristics are ideal for low voltage, low impedance transistorized circuits. Complete technical specifications and typical life test data is given in Technical Bulletin 4-47.

Cap., μ F	WVDC +85°C	Mallory Number	Case Size†
56	6	TAM566M006P5C	C
33	10	TAM336M010P5C	C
39	10	TAM396M010P5C	C
22	15	TAM226M015P5C	C
6.8	25	TAM685M025P5C	C
10	25	TAM106M025P5C	C
15	25	TAM156M025P5C	C
4.7	35	TAM475M035P5C	C

†.325" w. x .175" d. x .425" h.

Net Each, Lots of					
Case Size	1-24	25-49	50-99	100-499	500-999
C	\$1.20	\$0.96	\$0.82	\$0.69	\$0.63