MALLORY Dry Electrolytic 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., µF	WV DC	*	Net Each
WP510	.5Z/15750†	3NP	b	$1.32
WP540	1.0Z/60†	3NP	h	2.40
WP505	10Z/30†	3NP	a	1.20
PWP030A	750	6	o	1.29
FP030.6	5000	6	c	3.14
FP030.8	10000	6	g	5.52
PWP031A	2500	10	c	2.84
FP031.6	5000	10	d	3.45
FP031.8	10000	10	h	6.16
WP035	225	15	a	1.05
PWP036	400	15	a	1.16
WP039A	1000	15	l	1.53
WP041A	2000	15	f	2.07
WP042A	3000	15	f	2.10
FP042.6	5000	15	g	4.06
FP042.8	10000	15	j	6.66
WP052	40	25	a	.81
WP055A	100	25	l	.96
PWP056	400	25	b	1.44
WP057A	500	25	l	$1.53
WP059	1000	25	f	2.13
PWP060	1500	25	d	2.57
FP060.2	2000	25	r	2.56
FP060.4	4000	25	h	3.93
FP060.6	5000	25	j	4.63
FP060.8	7500	25	n	6.33
WP063	4	50	a	.75
WP064A	100	50	l	.99
PWP 063.9A	100	50	o	1.04
WP064.2A	150	50	l	1.08
WP065	500	50	f	1.59
WP066A	500	50	c	1.59
FP066.5	1000	50	f	2.50
PWP067A	1250	50	g	2.90
WP068	1500	50	h	2.31
FP070	2000	50	j	3.21
FP113	30	150	a	.93
FP115A	50	150	l	.99
FP116A	100	150	l	1.20
FP116.5A	120	150	b	1.23
FP116.6	120	150	f	$1.23
PFP116.8A	140	150	b	1.44
FP117A	150	150	b	1.29
FP117.5	150	150	f	1.29
FP118A	200	150	f	1.47
FP119A	300	150	f	1.68
FP121	120	200	f	1.41
FP122A	125	200	b	1.47
PFP122	160	200	g	1.91
WP123A	500	200	h	2.19
FP125	15	250	a	.93
WP125.5A	140	250	c	1.74
WP125.9A	150	250	c	1.71
FP128A	80	300	c	1.53
FP129.1A	100	300	c	1.74
WP131.5	160	300	g	2.31
WP132	200	300	g	2.58
FP135A	30	350	l	1.14
FP137A	50	350	b	1.26
FP137.2A	60	350	c	1.32
FP138A	80	350	f	1.71
FP140A	125	350	g	2.37
FP140.5A	140	350	g	$2.34
FP140.6A	150	350	g	2.55
FP141	320	350	l	4.05
FP142	10	450	a	.93
FP143A	15	450	l	1.02
FP144	20	450	b	1.08
PFP144	20	450	b	1.29
FP145	30	450	c	1.17
FP146	40	450	c	1.23
FP147	50	450	d	1.25
FP148	60	450	g	1.68
FP149	80	450	g	1.83
FP150	100	450	h	2.07
FP155	125	450	j	2.76
FP171A	10	500	l	.96
FP173	20	500	b	1.11
FP175	30	500	c	1.20
FP176	40	500	f	1.50
FP177	40	500	d	1.50
PFP176.5	40	500	d	1.74
FP187	90	500	h	2.10

FP-WP AND PFP-PWP—DUALS

Mallory No.	Capacity, µF	WVDC	*	Net Each
WP204	250-1000	10-6	f	$1.71
WP205	.5Z-2.5Z/15750†-60†	12-6	l	2.16
WP200	1000-1000	15-15	f	2.64
WP200.1A	1000-1000	15-15	c	2.64
FPS200.13	1000-1000	16-10	c	2.77
WP200.23	1500-1000	16-10	f	2.55
FP200.6	500-500	16-16	b	1.95
PFP200.64	500-500	16-16	l	1.75
PFP200.65	500-500	16-16	l	1.83
PFP200.45A	700-200	16-16	l	2.09
WP200.18	800-200	16-16	b	1.68
PFP200.19	1000-200	16-16	b	1.83
WP200.21A	1000-500	16-16	b	2.28
PWP200.3A	250-250	20-20	l	1.69
WP200.5A	500-100	20-20	l	1.65
PWP200.6	500-100	20-20	b	1.79
PFP200.7	500-100	20-20	b	1.80
WP200.7A	500-200	20-20	l	1.80
PWP200.4	800-250	20-20	c	2.25
WP200.2A	1000-2000	25-15	g	3.87
WP201.1A	40-40	25-25	l	.93
PWP201.13	400-200	25-25	b	1.79
PWP201.15	1000-1000	25-25	g	3.48
PWP201.3	1500-1500	25-25	h	4.52
WP201.5	1000-1000	35-35	g	3.93
WP202.1A	50-50	50-50	l	1.02
WP202.5A	100-100	50-50	l	1.26
WP205.6A	50-500	150-5	l	1.41
WP205.8	50-1000	150-8	b	1.71
WP206A	50-150	150-25	l	1.32
FP208A	20-20	150-150	l	1.02
FP211A	30-30	150-150	l	1.11
FP210A	40-20	150-150	l	1.08
FP212A	40-40	150-150	l	1.14
FP213A	50-30	150-150	l	1.29
PFP213.1A	50-30	150-150	l	1.40
FP214A	50-50	150-150	c	1.56
PFP214.3	70-30	150-150	b	1.46
FP214.5	75-75	150-150	f	1.56
FP214.6A	75-75	150-150	b	1.38
FP216.2A	80-40	150-150	m	1.38
PWP214.4A	80-40	150-150	b	1.52
WP216.24	80-50	150-150	b	1.50
PFP214.7A	100-50	150-150	b	1.62
FP215A	125-100	150-150	r	2.04
FP216.3A	200-150	150-150	f	2.25
FP216.4A	200-200	150-150	g	2.40
PFP216.4A	200-200	150-150	g	$2.59
PFP216.45	50-100	200-150	f	1.91
PFP216.5A	40-20	200-200	l	1.42
FP216.6A	60-60	200-200	b	1.53
FP216.1A	200-5	200-200	f	1.65
PFP216.1A	200-5	200-200	f	2.26
FP216.7	250-100	200-200	g	2.78
FP217.865	100-100	200-300	k	2.23
FP216.8A	40-25	250-150	l	1.29
FP217A	20-20	250-250	l	1.14
FP221A	40-40	250-250	m	1.50
FP217.7A	150-150	250-250	g	3.09
FP217.74A	200-200	250-250	h	3.60
WP217.85A	35-500	300-6	m	1.68
FP217.86A	30-20	300-50	l	1.14
FP217.8A	20-60	300-250	b	1.65
PFP217.86	10-10	300-300	f	1.57
FP217.87	40-40	300-300	f	1.77
FP217.88	50-10	300-300	f	1.53
FP217.9A	75-75	300-300	g	2.28
FP218A	120-20	300-300	g	2.40
WP219	125-60	300-300	g	2.70
FP219.7	150-100	300-300	h	3.11
PFP220.1	40-25	350-25	b	1.54
FP223A	5-75	350-150	m	1.26
FP225A	15-15	350-350	m	1.35
FP227A	20-20	350-350	b	1.38
FP227.3A	30-30	350-350	c	1.74
WP227.35	80-20	350-350	d	2.10
FP227.4A	80-20	350-350	f	2.10
FP227.5A	80-40	350-350	g	2.16
FP227.6A	80-80	350-350	h	2.82
FP227.7A	100-100	350-350	j	3.69
FP228.3	150-20	350-350	h	2.73
FP229A	35-100	400-50	c	1.56
FP229.2	40-4	400-350	d	1.41
FP229.25	80-4	400-350	e	2.10
FP229.28	100-10	400-350	g	2.62
FP229.3	75-75	400-400	j	2.91
FP229.4	80-60	400-400	j	2.82
FP229.5	120-40	400-400	j	3.15
WP229.52	120-120	400-400	j	4.17
FP229.53	40-50	450-50	d	1.73
FP229.55A	40-100	450-50	d	1.68
FP229.6	50-100	450-50	g	1.80
FP244	80-50	450-50	h	2.10
FP229.8	80-100	450-50	h	2.25
FP229.9A	30-200	450-150	g	2.10
FP230A	20-50	450-250	c	$1.68
WP230.2	20-200	450-250	f	2.73
FP230.3	40-10	450-300	d	1.56
FP230.5	10-50	450-350	d	1.71
FP230.6	10-100	450-350	h	2.40
FP235	20-80	450-350	g	2.19
PFP230.7	80-2	450-350	h	2.51
PFP217.11	2-20	450-400	b	1.43
WP230.9A	5-5	450-450	l	1.02
FP231	10-10	450-450	b	1.14
FP231.2	20-5	450-450	b	1.46
FP231.3	20-10	450-450	c	1.32
FP234A	20-20	450-450	c	1.53
FP237	30-30	450-450	g	1.83
FP238A	40-40	450-450	g	2.07
FP239	50-40	450-450	h	2.19
FP240‡	50-50	450-450	h	2.31
FP242A	60-20	450-450	g	2.10
FP242.5A	60-60	450-450	j	2.70
FP245	80-10	450-450	h	2.16
FP245.2	80-20	450-450	h	2.34
FP245.3A	80-30	450-450	j	2.49
FP247	100-40	450-450	i	2.91
FP248	100-60	450-450	i	3.51
FP250	40-80	475-200	g	2.19
FP252A	80-80	475-250	j	2.79
FP253	80-160	475-250	n	3.53
FP255A	20-100	475-300	g	2.37
FP256A	20-100	475-400	j	2.70
FP258	15-15	475-475	c	1.41
FP259	30-10	475-475	d	1.56
FP260A	40-10	475-475	g	1.86
FP262	40-40	475-475	h	2.58
FP263A	60-40	475-475	j	2.73
FP264.5	80-40	475-475	i	3.03
FP266	80-50	475-475	i	3.12
WP272	10-100	500-50	b	1.38
FP277	60-80	500-150	h	2.25
FP280	40-50	500-200	g	1.98
FP282A	10-10	500-500	b	1.17
FP282.5	20-20	500-500	f	2.09
FP283	30-10	500-500	f	1.56
FP284	30-30	500-500	g	1.95
PFP284.1A	30-30	500-500	g	2.52
FP288	40-40	500-500	h	2.58
FP290	60-40	500-500	j	2.73

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

FP-WP AND PFP-PWP—TRIPLES

Mallory No.	Capacity, µF	Working Volts DC	*	Net Each
WP300.6A	850-400-2.2	16-16-#	b	$2.97
WP300.7A	850-400-4	16-16-#	b	2.97
FPS300.75	850-400-4	16-16-#	c	3.00
FP300.76	850-400-8	16-16-#	c	2.57
FP300.77	850-400-12	16-16-#	c	2.57
FPS300.78	850-400-12	16-16-#	c	2.74
WP300.88	1000-400-4	16-16-#	c	2.16
WP300.89	1000-400-4	16-16-#	f	2.58
WP300.9	1000-500-4	16-16-#	c	3.12
FPS300.91	1000-500-4	16-16-#	q	2.50
PWP300.3A	250-250-50	16-16-16	l	1.87
PWP300.4A	250-250-500	16-16-16	b	2.34
WP300.5	400-100-100	16-16-16	b	1.80
PFP300.65	400-300-100	16-16-16	m	1.81
PFP300.8	500-100-100	16-16-16	m	$1.72
PFP300.81	500-300-300	16-16-16	l	1.93
PFP300.18	500-450-100	16-16-16	l	2.00
WP300.85	500-500-100	16-16-16	b	2.40
PFP300.87	700-200-100	16-16-16	b	1.89
WP300	1000-500-20	16-16-16	f	2.52
WP300.17A	500-200-5	16-16-25	m	1.92
WP520A	40-40-40	25-25-25	l	1.29
WP300.95	1000-200-200	25-25-25	t	2.96
WP301A	30-30-30	50-50-50	l	1.29
FP312A	100-50-25	150-50-25	b	1.80
WP302.1A	15-15-1200	150-150-2	c	1.80
PFP302.38	70-30-100	150-150-10	c	$1.67
FP302.4	80-20-200	150-150-10	f	1.71
FP302.5A	80-60-250	150-150-10	e	2.04
PWP302.55A	80-60-250	150-150-10	c	1.87
FP302.7	80-30-300	150-150-10	f	1.89
PFP302.75A	90-40-400	150-150-10	c	1.93
FP302.8A	100-80-200	150-150-10	f	2.16
FP302.9	80-20-100	150-150-15	f	1.68
FP306A	40-20-20	150-150-25	l	1.38
PFP311.1A	40-20-20	150-150-25	l	1.50
FP307A	40-20-100	150-150-25	l	1.50
FP304A	40-20-200	150-150-25	m	1.62
FP310A	40-40-20	150-150-25	l	1.44

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

Triples continued on next page.

Net

MALLORY Dry Electrolytic Capacitors

FP-WP AND PFP-PWP—TRIPLES (CONTINUED)

Mallory No.	Capacity, µF	Working Volts DC	*	Net Each
FP314A	40-40-200	150-150-25	m	$1.68
WP308.1A	40-40-250	150-150-25	b	1.89
FP309A	50-30-100	150-150-25	m	1.62
FP311A	50-50-20	150-150-25	m	1.59
PFP-311.12A	70-30-20	150-150-25	b	1.63
FP311.05	80-20-200	150-150-25	b	1.76
FP311.1A	80-40-25	150-150-25	b	1.65
FP311.15A	80-40-300	150-150-25	f	2.22
FP311.2A	20-20-20	150-150-150	l	1.38
PFP311.3	30-25-20	150-150-150	b	1.52
PFP-311.63A	30-50-40	150-150-150	b	1.67
FP311.4A	40-20-20	150-150-150	l	1.44
FP311.5A	40-40-40	150-150-150	m	1.56
PFP311.51	40-60-40	150-150-150	b	1.70
FP311.55A	50-20-20	150-150-150	m	1.53
PFP311.62	50-30-20	150-150-150	b	1.59
FP311.6A	50-40-10	150-150-150	m	1.53
FP311.65A	50-50-50	150-150-150	b	1.80
PFP311.53	60-60-40	150-150-150	f	2.03
FP326.45	60-60-60	150-150-150	c	1.79
FP311.66A	70-15-15	150-150-150	m	1.62
FP311.8A	70-40-40	150-150-150	b	1.74
FP311.67A	80-30-10	150-150-150	m	1.65
FP311.7	80-40-20	150-150-150	f	1.74
FP311.71	80-40-20	150-150-150	b	1.67
PWP-311.75A	80-60-20	150-150-150	c	1.78
FP311.84	120-80-20	150-150-150	c	1.90
FP311.85A	120-80-40	150-150-150	f	2.22
FP311.9A	120-120-40	150-150-150	f	2.43
FP311.95A	150-50-50	150-150-150	f	2.22
FP312.5A	200-100-60	150-150-150	g	2.73
FP312.6A	300-100-80	150-150-150	g	2.97
PWP315	80-100-40	160-160-160	d	1.42
FP312.8A	60-200-140	200-150-150	g	2.85
FP314.7	150-150-60	200-150-150	e	2.49
FP315.1	60-5-200	200-200-50	d	1.80
FP318.3A	30-20-40	200-200-150	m	1.62
FP318.5A	20-20-20	200-200-200	l	1.50
FP318.7A	30-20-20	200-200-200	m	1.62
FP318.74	40-40-20	200-200-200	f	1.77
WP318.77	60-60-40	200-200-200	f	2.16
FP318.8A	250-200-10	200-200-200	h	4.02
FP318.85	250-200-50	200-200-200	j	3.56
FP319A	80-40-50	250-150-50	f	1.98
WP319.6A	60-5-100	250-250-50	b	1.80
FP319.5A	90-90-20	250-250-50	f	2.76
WP319.7	60-5-50	250-250-200	f	2.13
FP319.8A	20-20-20	250-250-250	m	1.56
FP320	40-20-20	250-250-250	f	1.74
FP321A	40-20-20	250-250-250	b	1.74
FP321.5	40-40-40	250-250-250	c	1.92
FP323A	80-80-60	250-250-250	f	2.94
FP326A	100-60-20	300-150-25	f	2.52
PWP-326.16A	10-20-10	300-150-150	l	1.47
FP326.2A	20-150-80	300-150-150	f	2.37
FP326.3A	100-200-60	300-150-150	h	3.27
WP326.35A	20-100-100	300-200-50	d	1.95
FP326.61	80-200-10	300-200-300	h	2.97
FP326.4A	60-30-30	300-250-250	f	2.25
FP335A	100-60-20	300-250-250	g	2.94
FP336A	200-60-20	300-250-250	h	3.48
PFP326.4	60-10-25	300-300-25	f	2.07
FP326.5A	150-10-25	300-300-25	g	2.37
FP326.54	20-20-50	300-300-50	c	1.62
FP326.6A	100-10-60	300-300-50	f	2.43
FP326.7A	140-100-60	300-300-50	h	3.57
WP326.71A	140-100-100	300-300-50	h	3.36
FP326.74A	140-10-200	300-300-150	h	3.30
WP326.63A	30-10-20	300-300-250	b	1.71
WP326.64	60-5-20	300-300-250	c	1.83
FP326.62A	80-40-40	300-300-300	g	2.64
FP326.65A	100-60-4	300-300-300	g	2.82
FP326.67A	120-50-40	300-300-300	h	3.33
FP326.78A	140-100-20	300-300-300	j	3.45
FP326.75A	150-30-30	300-300-300	h	3.00
PWP-326.77	150-30-100	300-300-300	i	3.55
WP326.8A	4-100-40	350-25-25	l	$1.35
FP327	40-100-25	350-50-25	f	1.92
WP327.2A	20-50-100	350-100-75	c	1.98
FP327.3A	60-200-30	350-150-150	g	2.82
FP327.35	10-150-200	350-200-75	f	2.52
FP327.4A	125-5-100	350-200-75	g	3.18
FP327.5A	10-40-40	350-200-200	b	2.58
FP327.6A	30-20-100	350-250-50	c	1.95
FP331A	30-30-20	350-300-25	c	1.89
FP327.8A	30-50-20	350-300-25	f	2.16
FP327.89A	40-40-40	350-300-300	f	2.61
WP327.896	160-120-30	350-300-300	l	3.99
PWP-327.95	20-20-1000	350-350-15	g	2.57
FP328A	15-10-20	350-350-25	m	1.50
FP329.1A	20-4-100	350-350-25	m	1.56
FP329.5	20-20-20	350-350-25	b	1.68
FP330A	30-20-20	350-350-25	c	1.86
FP330.13A	200-10-50	350-350-25	j	3.06
FP330.15A	10-5-30	350-350-50	l	1.32
FP330.2A	10-5-150	350-350-50	m	1.62
FP330.21A	20-5-150	350-350-50	b	1.77
FP330.23	80-40-400	350-350-50	h	3.39
FP330.22A	100-20-50	350-350-50	g	2.91
FP330.244	150-4-30	350-350-50	g	2.90
FP330.246	150-5-100	350-350-50	j	3.04
FP330.25A	30-20-100	350-350-150	f	2.40
FP330.248A	70-40-50	350-350-150	g	2.64
FP330.24	125-20-20	350-350-150	h	2.85
FP330.29A	30-5-100	350-350-200	f	2.25
FP330.26A	100-60-20	350-350-200	h	3.30
FP330.27A	125-60-40	350-350-200	j	3.54
FP330.28A	100-60-100	350-350-200	j	3.36
FP330.3A	20-10-5	350-350-250	m	1.53
PFP330.4	10-10-60	350-350-300	f	2.15
FP330.5A	10-10-10	350-350-350	m	1.44
PFP330.6A	20-20-20	350-350-350	c	1.84
FP330.7A	30-20-10	350-350-350	c	1.95
PFP330.8A	40-40-40	350-350-350	g	2.64
FP330.9A	60-50-50	350-350-350	h	2.94
FP331.2	80-20-20	350-350-350	g	2.57
FP331.3A	80-60-60	350-350-350	j	3.33
FP331.6A	90-40-20	350-350-350	g	3.15
WP331.7A	100-40-5	350-350-350	g	2.82
FP331.76A	100-40-40	350-350-350	h	3.15
FP331.8A	100-60-40	350-350-350	j	3.39
FP332.4A	100-100-10	350-350-350	j	4.08
WP332.44	140-140-20	350-350-350	i	4.16
FP332.5A	40-200-60	400-200-200	j	3.33
FP332.7A	10-4-40	400-350-25	l	1.32
FP333	10-50-30	400-350-25	f	1.86
FP333.05	100-10-200	400-350-25	h	2.99
FP333.08	10-4-4	400-350-150	b	1.43
FP333.1	40-4-4	400-350-150	d	1.71
PFP333.16	40-30-20	400-350-300	g	2.44
FP333.2A	80-40-100	400-400-50	j	3.00
FP333.3A	80-40-150	400-400-50	j	3.09
FP333.15	100-20-20	400-400-50	h	2.88
FP333.5A	20-10-40	400-400-350	k	2.04
FP333.6	20-20-10	400-400-350	d	1.80
FP333.7	60-30-20	400-400-350	h	2.73
FP333.8	80-20-10	400-400-350	h	2.58
FP333.85	100-10-80	400-400-350	i	3.66
FP333.86	100-40-100	400-400-350	i	4.04
FP333.88	50-30-4	400-400-400	g	2.31
FP333.89	80-60-40	400-400-400	j	3.63
FP333.9	90-10-5	400-400-400	h	2.64
FP333.95	100-30-20	400-400-400	i	3.30
WP334.6A	20-500-500	450-25-25	g	3.21
FP342	40-40-130	450-150-50	g	2.22
FP343A	40-100-50	450-150-50	g	2.37
WP339.5A	10-50-100	450-150-75	c	1.95
FP340	20-50-100	450-150-75	f	2.04
FP341A	40-90-50	450-150-150	g	2.40
FP341.2A	10-100-200	450-200-25	k	2.04
FP341.24	10-100-100	450-200-50	d	1.94
FP341.28	10-150-100	450-200-150	g	2.55
FP341.3A	20-80-50	450-200-150	f	2.16
FP341.5A	20-60-100	450-250-25	f	2.19
FP341.6A	50-160-50	450-250-50	j	3.09
FP341.8A	10-80-80	450-250-250	g	2.61
FP342.2A	5-80-40	450-300-300	g	2.49
FP342.5	30-15-40	450-350-25	f	$1.92
FP342.7	30-40-50	450-350-25	e	2.22
FP342.8	80-50-100	450-350-200	i	3.51
FP343.1A	15-20-20	450-350-250	c	1.77
FP343.4	20-15-15	450-350-350	d	1.95
FP343.6A	20-40-10	450-350-350	f	2.10
FP343.9	10-30-150	450-400-5	d	1.80
FP344.2	60-80-20	450-400-250	i	3.27
FP344.4	4-40-40	450-400-300	g	2.22
FP344.5	10-30-40	450-400-300	g	2.19
FP345.2	10-10-20	450-450-25	b	1.44
FP345.5	15-15-40	450-450-25	c	1.65
FP345.8	20-20-20	450-450-25	c	1.83
FP345.3	40-20-20	450-450-25	g	2.10
FP346	40-40-20	450-450-25	h	2.37
FP345.4	80-10-125	450-450-25	h	2.64
FP364A	80-40-100	450-450-25	j	3.06
FP365A	10-10-40	450-450-50	b	1.47
FP366A	20-10-50	450-450-50	c	1.71
FP366.5A	30-10-150	450-450-50	f	2.10
FP367A	35-25-100	450-450-50	g	2.37
FP367.5	40-30-25	450-450-50	g	2.25
FP368A	60-40-75	450-450-50	j	2.76
FP368.3A	80-20-100	450-450-50	j	2.88
FP368.5	80-50-50	450-450-50	i	3.12
FP368.6A	30-30-125	450-450-75	g	2.70
FP368.68A	10-4-20	450-450-150	m	1.50
PFP368.9	40-30-8	450-450-150	g	2.51
FP369.1	40-40-40	450-450-150	h	2.49
FP370A	40-10-80	450-450-200	g	2.34
FP375A	40-40-100	450-450-200	j	2.97
FP375.2A	15-10-120	450-450-300	h	2.70
FP375.6A	60-20-40	450-450-350	j	2.94
FP375.7	20-10-15	450-450-400	d	1.86
FP375.8	10-10-10	450-450-450	c	1.56
FP376.1	15-15-10	450-450-450	d	1.77
FP376.3	20-10-10	450-450-450	d	1.74
FP376.5	20-20-20	450-450-450	g	2.16
FP376.6	30-10-10	450-450-450	f	1.89
FP376.7	30-30-30	450-450-450	h	2.67
FP376.8	40-40-10	450-450-450	h	2.49
FP376.9	40-40-20	450-450-450	h	2.67
FP377.1	40-40-40	450-450-450	j	3.12
FP377.2A	50-40-30	450-450-450	j	2.94
FP377.4A	60-10-10	450-450-450	g	2.34
FP377.6	60-30-10	450-450-450	h	2.70
FP377.7	60-40-40	450-450-450	i	3.41
FP378	80-40-20	450-450-450	i	3.24
FP378.1	80-40-30	450-450-450	i	3.53
FP378.4	80-40-40	450-450-450	i	3.66
FP379.1A	20-50-20	475-50-25	c	1.65
FP381.1A	80-80-50	475-150-50	j	2.91
FP382.1A	40-40-100	475-250-100	g	2.46
FP384	20-20-40	475-300-25	f	1.86
FP384.12	30-100-50	475-300-50	h	2.46
FP384.14A	5-100-200	475-300-150	j	3.09
FP384.16	10-4-100	475-350-50	b	2.37
FP384.2	10-4-40	475-350-300	f	1.80
FP384.35	20-10-5	475-350-350	c	1.71
FP384.5	10-45-100	475-450-50	g	2.19
FP384.7	40-40-25	475-450-50	h	2.64
FP385A	10-40-100	475-450-200	g	2.52
FP385.5	40-80-10	475-450-450	i	3.30
FP386	10-10-5	475-475-25	c	1.47
FP387.1	10-10-150	475-475-50	d	1.80
FP388.1	25-10-20	475-475-50	d	1.77
FP389.1A	20-10-100	475-475-400	j	3.15
FP391.1A	20-20-60	475-475-450	j	2.91
FP394	10-10-10	475-475-475	d	1.62
FP396	30-30-20	475-475-475	h	2.67
FP396.2	40-10-10	475-475-475	g	2.31
FP396.1	40-20-20	475-475-475	h	2.85
FP396.12	40-30-10	475-475-475	h	2.70
FP396.14A	40-30-30	475-475-475	j	3.09
FP397	40-35-10	475-475-475	h	2.73
PFP397.5	40-40-60	500-200-50	g	2.53
PFP397.7	40-40-20	500-350-250	h	2.76
FP398	10-40-40	500-450-450	h	2.49
FP399A	20-10-100	500-500-50	d	1.95
FP399.5	40-20-20	500-500-500	h	2.85
FP399.55	40-40-20	500-500-500	j	3.42

FP-WP AND PFP-PWP—QUADS

Mallory No.	Capacity, µF	Working Volts DC	*	Net Each
WP401.5	750-600-350-4	16-16-16-11.5 rms	f	$3.24
WP401.8	750-750-350-4	16-16-16-11.5 rms	f	3.87
FP403	50-20-150-30	150-150-15-15	f	1.92
FP405	20-20-160-40	150-150-25-25	f	1.92
WP405.5	50-40-160-40	150-150-25-25	f	2.01
WP406	40-40-200-100	150-150-25-25	f	2.13
FP407	30-20-20-200	150-150-150-10	f	1.86
FP407.5	40-40-20-200	150-150-150-10	f	1.92
FP408	60-40-20-200	150-150-150-10	f	2.07
FP408.5	80-80-10-200	150-150-150-10	g	2.34
FP408.7A	300-30-10-100	150-150-150-10	g	2.73
FP408.9	30-30-30-40	150-150-150-25	f	1.86
FP409	40-40-30-20	150-150-150-25	f	1.86
FP409.4	50-20-20-200	150-150-150-25	f	2.10
FP409.6	50-40-10-50	150-150-150-25	f	1.89
FP410A	50-50-50-20	150-150-150-25	f	2.13
FP410.3	60-40-20-20	150-150-150-25	f	1.98
FP410.7	60-60-10-60	150-150-150-25	g	2.10
FP411A	80-40-30-100	150-150-150-25	f	2.22
FP411.3A	80-40-40-20	150-150-150-25	f	2.10
FP411.32A	80-40-40-40	150-150-150-25	f	$2.16
FP411.4	80-50-50-25	150-150-150-25	g	2.28
FP411.5	100-90-60-200	150-150-150-25	h	2.97
FP411.7	125-125-40-100	150-150-150-25	i	2.91
PFP411.9	60-60-40-10	150-150-150-150	g	2.21
FP412A	100-80-60-40	150-150-150-150	f	2.73
WP412.1A	200-200-60-30	175-175-175-175	h	3.12
FP412.14	200-200-200-30	175-175-175-175	j	3.79
WP412.15	200-200-100-10	200-200-200-200	i	3.75
FP412.13	160-240-240-5	200-200-200-200	i	4.37
PFP412.17	250-200-10-20	200-200-200-200	h	3.63
FP419.41	200-20-20-5	200-300-300-300	g	2.77
PFP419.575	150-100-5-100	200-350-150-50	j	3.35
FP412.2A	40-40-50-80	250-250-150-150	f	2.46
WP412.8	40-40-40-40	250-250-250-250	f	2.49
PFP427.69	160-30-20-40	250-450-450-150	i	3.39
FP417A	100-40-80-20	300-50-25-25	f	2.73

*See table of sizes on following page.

Quads continued on next page.

MALLORY Dry Electrolytic Capacitors

FP-WP AND PFP-PWP—QUADS (CONTINUED)

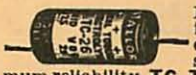
Mallory No.	Capacity, μF	WVDC	*	Net Each
FP417.2A	20-150-150-100	300-150-150-30	g	$3.09
FP417.3A	10-200-140-30	300-150-150-150	g	3.06
FP417.8A	10-200-200-30	300-150-150-150	h	3.21
FP417.9A	100-60-10-20	300-200-150-50	g	2.91
FP419A	200-20-100-20	300-250-50-25	h	3.48
FP423	40-40-40-40	300-250-250-25	g	2.64
FP419.11	60-5-50-20	300-300-50-50	f	2.16
FP418.7A	140-10-10-100	300-300-150-50	g	2.97
FP419.4A	100-10-200-30	300-300-150-150	h	3.54
FP419.1A	150-20-10-250	300-300-250-50	h	3.63
FP419.2A	40-30-20-50	300-300-300-25	f	2.49
FP419.7A	60-40-20-50	300-300-300-25	f	2.73
FP419.35A	60-30-10-60	300-300-300-50	f	2.52
FP419.37A	150-30-30-150	300-300-300-50	h	3.66
PFP419.42A	20-20-20-100	300-300-300-150	f	2.41
WP419.39A	80-20-20-200	300-300-300-150	h	3.12
FP419.45	120-40-40-10	300-300-300-250	l	3.63
FP419.53A	60-40-10-10	300-300-300-300	f	2.73
FP419.55A	150-100-10-10	300-300-300-300	g	3.96
WP419.554	150-100-30-10	300-300-300-300	j	3.69
WP419.52	150-150-30-30	300-300-300-300	i	4.17
FP419.54A	200-20-20-20	300-300-300-300	j	3.87
FP419.56	60-60-30-160	350-150-150-25	h	2.76
FP419.58	20-60-160-40	350-200-25-25	g	2.40
FP414	15-80-40-200	350-200-200-25	h	2.70
FP418.3	120-20-100-20	350-250-50-25	i	3.03
WP419.585A	50-60-5-100	350-250-250-50	f	2.58
FP419.59A	160-30-30-20	350-300-300-50	j	3.54
WP419.51	40-80-10-10	350-300-300-300	g	2.72
FP419.514	140-100-20-20	350-300-300-300	n	3.88
FP419.65A	160-60-10-4	350-300-300-300	j	3.84
FP419.6	40-10-100-25	350-350-25-25	f	2.25
FP419.62A	60-4-100-40	350-350-25-25	f	2.28
FP419.61	100-4-50-50	350-350-50-25	h	3.03
FP419.63A	200-10-4-20	350-350-50-25	j	3.36
FP419.635	40-40-50-50	350-350-50-50	h	2.52
FP419.64	40-20-50-25	350-350-150-25	g	2.49
FP419.649A	40-20-100-100	350-350-200-50	f	2.70
FP419.67A	100-60-60-40	350-350-200-75	j	3.93
FP419.661	100-60-10-100	350-350-200-150	i	3.43
FP419.66A	60-40-60-20	350-350-250-150	g	3.24
FP419.68	15-15-15-15	350-350-300-25	f	2.07
FP419.8	35-35-10-20	350-350-300-25	g	2.49
FP419.82	20-10-5-10	350-350-350-25	f	1.86
FP419.84	30-10-5-200	350-350-350-25	f	2.28
FP419.86A	40-20-5-10	350-350-350-25	f	2.28
FP419.87	40-20-20-50	350-350-350-25	g	2.55
FP419.88A	40-30-15-30	350-350-350-25	f	2.70
FP419.3A	40-40-20-20	350-350-350-25	g	2.79
FP419.895	10-150-100-100	350-350-350-50	l	4.08
FP419.9	15-15-15-50	350-350-350-50	f	2.25
PFP420.17A	40-20-10-100	350-350-350-50	f	2.45
FP420.15A	70-40-10-50	350-350-350-50	g	3.15
FP420.2A	50-40-40-160	350-350-350-50	h	3.45
FP420.23A	100-10-10-20	350-350-350-50	g	3.09
FP419.89	100-30-10-40	350-350-350-50	h	2.94
WP420.25A	100-40-4-100	350-350-350-50	h	3.09
FP420.26A	100-40-30-50	350-350-350-50	h	3.93
FP420.273	100-100-60-100	350-350-350-50	l	4.08
FP420.276	120-20-10-50	350-350-350-50	h	3.00
FP420.28A	140-20-10-100	350-350-350-50	h	3.63
FP420.29A	90-30-5-100	350-350-350-75	h	3.54
FP420.31A	100-80-10-20	350-350-350-150	j	3.42
FP420.32A	20-10-5-60	350-350-350-200	f	2.13
FP420.33A	30-10-5-100	350-350-350-200	f	2.64
WP420.34	40-40-40-40	350-350-350-300	h	3.00
FP420.35A	40-20-20-10	350-350-350-350	f	2.61
FP420.36A	40-40-30-20	350-350-350-350	g	2.82
FP420.38A	40-40-40-40	350-350-350-350	h	3.60
FP420.4A	80-60-40-20	350-350-350-350	j	3.84
FP420.405A	100-20-10-5	350-350-350-350	g	2.85
FP420.39A	100-40-25-25	350-350-350-350	j	4.20
FP420.407	80-80-4-100	400-200-150-50	j	3.04
FP420.41A	40-120-10-150	400-250-250-50	j	3.48
FP420.44A	30-40-50-200	400-300-250-150	j	3.60
FP420.43	80-80-100-100	400-350-25-25	l	3.78
FP420.438	10-4-4-20	400-350-150-25	f	2.26
PFP420.439	40-100-5-100	400-350-150-50	j	3.18
FP420.45A	40-80-100-25	400-350-200-50	j	3.63
FP420.46A	80-40-20-20	400-350-300-300	j	3.48
FP420.47	20-50-40-80	400-350-350-50	h	3.00
FP420.5A	30-60-20-100	400-350-350-50	j	3.00
PFP420.52	40-30-20-20	400-350-350-350	h	2.80
FP420.51	20-20-50-50	400-400-15-15	f	2.04
FP420.53	20-5-20-20	400-400-25-25	f	1.83
FP420.54	80-50-25-25	400-400-25-25	h	3.21
FP420.56A	50-25-100-20	400-400-50-25	g	2.79
FP420.6A	80-40-100-20	400-400-50-25	j	3.36
FP420.7	100-10-30-20	400-400-50-50	h	3.06
FP420.8	20-10-10-25	400-400-100-25	f	1.86
WP420.9A	20-20-100-100	400-400-100-100	g	3.15
FP420.95	80-40-100-100	400-400-200-50	i	3.63
FP420.97	80-40-40-100	400-400-300-50	j	3.48
FP421	5-5-50-80	400-400-300-250	h	2.79
FP421.1	40-120-20-100	400-400-350-25	n	3.86
FP421.2A	60-40-40-10	400-400-350-50	j	3.45
FP421.3A	100-10-20-20	400-400-350-50	j	3.27
FP421.4	30-30-15-20	400-400-400-25	h	2.58
FP421.6	80-40-30-40	400-400-400-25	l	3.57
FP421.8A	40-40-40-150	400-400-400-50	j	3.42
WP421.85	40-80-10-100	400-400-400-200	l	3.36
FP421.87	80-40-30-4	400-400-400-350	l	3.49
FP421.9A	50-40-30-20	400-400-400-400	j	3.39
WP422	60-40-40-40	400-400-400-400	l	3.78
FP422.05	100-80-10-30	400-400-400-400	n	4.25
FP422.1A	20-80-20-50	450-200-200-50	f	2.46
FP422.11	20-160-50-50	450-250-75-50	j	2.97
FP422.7	60-80-40-20	450-250-250-150	i	3.39
FP422.8	25-100-10-60	450-300-300-50	h	3.18
FP413X	40-40-40-20	450-300-300-150	h	$2.94
FP422.9	10-100-20-20	450-300-300-300	h	3.15
FP423.4	10-40-100-100	450-350-250-50	h	3.33
WP423.5	10-140-100-20	450-350-300-300	i	3.87
FP424.1	10-100-10-20	450-350-350-25	h	3.12
FP424.3A	20-80-50-100	450-350-350-50	j	3.60
FP425	30-40-40-10	450-350-350-200	h	3.09
FP425.6	40-100-20-10	450-350-350-350	i	3.84
FP425.1A	80-10-40-30	450-400-300-300	j	3.48
FP426	20-15-20-20	450-450-25-25	f	2.07
FP426.2	80-40-100-100	450-450-25-25	i	3.48
FP426.5	20-20-60-100	450-450-150-25	g	2.55
FP426.9A	40-40-125-125	450-450-150-25	j	3.42
FP427.5A	10-10-60-100	450-450-200-50	f	2.31
FP427.6A	35-25-20-100	450-450-200-50	g	2.79
FP427.65A	40-40-100-60	450-450-200-200	j	3.63
FP427.67	80-50-20-50	450-450-250-50	i	3.58
PFP427.69	30-20-160-40	450-450-250-150	i	3.39
FP427.7	10-10-10-50	450-450-300-25	f	1.89
FP427.9A	20-20-20-10	450-450-350-350	g	2.49
FP428	40-10-35-10	450-450-350-350	h	2.76
FP428.4A	40-40-30-30	450-450-350-350	j	3.54
FP424	15-15-10-20	450-450-450-25	f	2.10
FP428.9	30-30-10-125	450-450-450-25	h	2.58
FP432A	40-10-10-250	450-450-450-25	g	2.82
FP431	40-15-10-25	450-450-450-25	g	2.46
FP430.2	40-20-20-25	450-450-450-25	h	2.76
FP436	40-20-20-40	450-450-450-25	h	2.79
FP429	40-30-10-20	450-450-450-25	h	2.70
FP429.2	40-40-30-100	450-450-450-25	j	3.21
FP430.6A	40-40-40-40	450-450-450-25	j	3.30
FP430.9	60-40-40-10	450-450-450-25	i	3.60
FP430.95A	60-50-5-20	450-450-450-25	j	3.21
FP430.97	20-20-20-20	450-450-450-50	g	2.49
FP437	20-20-20-100	450-450-450-50	g	2.73
FP431.2	40-40-10-25	450-450-450-50	h	2.82
FP431.3A	40-40-10-50	450-450-450-50	h	2.13
FP431.35	40-40-20-40	450-450-450-50	h	3.03
FP431.4A	60-40-10-25	450-450-450-50	j	3.15
FP431.7A	40-40-10-100	450-450-450-100	j	3.18
FP433	60-10-10-20	450-450-450-150	h	2.76
FP432.4A	40-40-30-10	450-450-450-200	j	3.21
FP432.8	35-35-15-25	450-450-450-250	h	2.91
FP432.9A	40-20-10-100	450-450-450-250	j	3.51
FP450.2	80-50-10-20	450-450-450-300	i	3.67
FP433.2	40-10-10-40	450-450-450-350	h	2.85
FP433.4	40-20-20-20	450-450-450-350	h	3.00
WP433.6	5-5-5-5	450-450-450-450	f	1.80
FP434	10-10-10-10	450-450-450-450	f	2.01
FP434.5	20-10-10-10	450-450-450-450	f	2.22
FP444	20-20-20-20	450-450-450-450	h	2.82
FP444.4A	30-15-15-15	450-450-450-450	g	2.67
FP444.5	30-20-20-10	450-450-450-450	h	2.76
FP444.6	30-30-15-10	450-450-450-450	h	2.82
FP444.8	30-30-20-20	450-450-450-450	h	3.12
FP444.9	30-30-30-15	450-450-450-450	i	3.18
FP444.54	40-20-20-4	450-450-450-450	h	2.79
FP444.95	40-20-20-20	450-450-450-450	h	3.06
FP445	35-35-10-5	450-450-450-450	h	2.76
FP446	40-35-10-10	450-450-450-450	h	2.88
FP447A	40-40-20-20	450-450-450-450	j	3.33
FP447.5	40-40-30-30	450-450-450-450	i	3.63
WP447.7	40-40-40-40	450-450-450-450	i	3.78
FP448A	60-20-20-20	450-450-450-450	j	3.39
FP448.5	60-30-10-2	450-450-450-450	h	3.06
FP449	70-10-10-5	450-450-450-450	h	2.85
FP450A	80-10-10-10	450-450-450-450	j	3.03
FP450.08	80-40-20-10	450-450-450-450	i	3.66
FP450.16	80-40-20-20	450-450-450-450	i	3.79
FP450.5	40-40-50-80	475-250-150-50	h	3.00
FP451A	10-100-10-100	475-300-300-25	g	2.94
FP451.3A	10-140-4-100	475-300-300-50	j	3.18
FP452	20-80-20-10	475-300-300-300	h	3.00
FP452.5	10-20-100-50	475-350-25-25	f	2.07
FP453A	20-40-80-100	475-350-200-100	h	3.27
FP453.4A	10-40-80-100	475-350-300-100	h	3.33
FP453.8A	10-30-5-80	475-350-350-50	f	2.22
FP454.4A	10-130-20-10	475-350-350-350	j	3.54
FP454.2	20-60-40-10	475-350-350-350	h	3.12
FP454.6	10-40-4-100	475-400-350-50	g	2.43
FP454.8A	10-80-40-100	475-400-400-50	j	3.48
FP455.5	25-20-20-100	475-450-300-50	g	2.73
FP456	25-20-40-100	475-450-300-50	h	2.97
FP456.5A	10-60-30-125	475-450-400-50	j	3.33
FP455	10-50-30-30	475-450-450-25	h	2.85
FP457	10-40-10-20	475-450-450-50	g	2.37
FP459	10-40-10-100	475-450-450-50	g	2.58
FP460	80-4-4-4	475-450-450-450	g	3.09
FP461A	15-15-80-40	475-475-300-50	g	2.88
FP463A	50-30-20-20	475-475-300-300	j	3.42
FP464.9	40-10-4-40	475-475-350-300	h	2.97
FP467	20-10-20-100	475-475-450-25	g	2.52
FP474	10-10-10-10	475-475-475-475	f	2.10
FP474.5	20-20-10-10	475-475-475-475	g	2.61
FP475	20-20-20-20	475-475-475-475	h	3.12
FP475.5	40-10-10-10	475-475-475-475	h	2.79
FP476	40-20-10-10	475-475-475-475	h	3.06
FP485	10-20-10-4	500-300-300-300	f	1.98
FP490	30-10-150-30	500-450-50-50	g	2.52
FP495A	40-40-8-8	500-500-500-500	j	3.42

*Key	Dia.	Lgth.	*Key	Dia.	Lgth.	*Key	Dia.	Lgth.
a	¾″	2″	g	1⅜″	2½″	m	1″	1¾″
b	1″	2″	h	1⅜″	3″	n	1⅜″	4½″
c	1″	2½″	i	1⅜″	4″	o	¾″	1½″
d	1″	3″	j	1⅜″	3½″	p	1⅜″	1½″
e	1″	4″	k	1″	3½″	q	1″	2⅜″
f	1⅜″	2″	l	1″	1½″	r	1⅜″	1¾″

Net

MALLORY Electrolytic Capacitors

METAL TUBULAR ELECTROLYTICS



Metal tubulars with insulating sleeve. Use etched cathode construciton for maximum reliability. **TC, TCN** are single section with 3" tinned leads; **TCD, TCT** have 7" insulated leads; **TCS** has solder lugs. Sizes 13/16" 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., µF	WV DC	Size, In. Dia. x Lg.	Net Each
TC304	200	3	11/16 x 1 1/4	$0.69
TC305	500	3	13/16 x 1 1/2	.84
TC310	1000	3	15/16 x 1 3/4	1.02
TC605	500	6	13/16 x 1 3/4	.93
TC610	1000	6	15/16 x 2	1.14
TC1502	200	15	13/16 x 1 1/2	.84
TC1505	500	15	15/16 x 2	1.05
TC1501	1000	15	1 1/16 x 2 1/4	1.38
TC22	10	25	7/16 x 3/4	.60
TC26	25	25	7/16 x 3/4	.60
TC29	50	25	9/16 x 1 1/4	.66
TC2501	100	25	11/16 x 1 3/4	.81
TC25015	150	25	11/16 x 1 3/4	.87
TC2505	500	25	13/16 x 2 1/4	1.38
TC31	1	50	3/4 x 1 1/16	.54
TC302	2	50	5/16 x 3/4	.54
TC30	5	50	5/16 x 7/8	.60
TC32	10	50	7/16 x 3/4	.60
TC36	25	50	11/16 x 1 1/4	.63
TC39	50	50	13/16 x 1 1/4	.72
TC3501	100	50	11/16 x 1 3/4	.84
TC50015	150	50	15/16 x 1 3/4	1.12
TC50025	250	50	15/16 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 7/8	.60
TC41	8	150	7/16 x 1	.63
TC42	10	150	7/16 x 1 1/4	.63
TC43	12	150	7/16 x 1 1/4	.66
TC44	16	150	11/16 x 1 1/2	.69
TC45	20	150	13/16 x 1 1/2	.72
TC47	30	150	13/16 x 1 1/2	.78
TC48	40	150	15/16 x 1 3/4	.81
TC49	50	150	15/16 x 1 3/4	.84
TC492	80	150	15/16 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 7/8	1.58
TC499	300	150	1 7/16 x 3	1.53
TC50X	5	250	11/16 x 1 1/4	.63
TC51	8	250	11/16 x 1 3/4	.69
TC52	10	250	11/16 x 1 3/4	.72
TC53	12	250	13/16 x 1 3/4	.75
TC54	16	250	13/16 x 1 3/4	.78
TC55	20	250	13/16 x 1 3/4	.81
TC58	40	250	1 1/16 x 1 3/4	.93
TC59	50	250	1 1/16 x 1 3/4	1.02
TC1265	100	250	1 1/16 x 2 7/8	1.47
TC593	150	300	1 1/16 x 3 1/2	1.95
TC595	2	350	7/16 x 1 1/2	1.26
TC60	5	350	11/16 x 1 3/4	.63
TC61	8	350	13/16 x 1 3/4	.72
TC62	10	350	13/16 x 1 3/4	.75
TC63	12	350	13/16 x 1 3/4	.78
TC64	16	350	15/16 x 1 3/4	.84
TC65	20	350	15/16 x 1 3/4	.87
TC67	40	350	15/16 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 7/16 x 3 7/8	3.16
TC695	2	450	11/16 x 1 1/2	.66
TC697	4	450	1 1/16 x 1 3/4	.97
TC70	5	450	11/16 x 1 3/4	.72
TC71	8	450	13/16 x 1 3/4	.75
TC72	10	450	13/16 x 1 3/4	.78
TC73	12	450	15/16 x 1 3/4	.81
TC74	16	450	15/16 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 7/8	1.26
TC795	60	450	1 1/16 x 2 7/8	1.38
TC80	80	450	1 1/16 x 4	1.68
TC805	100	450	1 7/16 x 3	1.92
TC81*	10	500	15/16 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	15/16 x 2 11/16	1.77

NON-POLAR SINGLE SECTION

TCN308	.5Z†	3#	1 1/16 x 2	$1.32
TC420	1.5Z‡	4#	1 1/16 x 2 7/8	2.10
TC421	1.5Z§	6#	1 1/16 x 2	1.80
TCN105	5	10#	11/16 x 1 1/4	.69
TCN106	6	10#	9/16 x 1 1/4	.69
TCN108	8	10#	11/16 x 1 1/2	.69
TCN1025	25	10#	7/16 x 7/8	.84
TCN412	500	10#	15/16 x 2	1.20
TCN1550	500	15#	15/16 x 2 1/4	1.32

†15,750 cps; ‡60 cps; §120 cps. #VNP.

NON-POLAR (CONT'D)

Mallory No.	Cap., µF	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	13/16 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	15/16 x 1 3/4	1.29
TCN510	4	150	9/16 x 1 1/4	.75
TCN1512	12	150	5/8 x 1 3/4	1.01
TCN1540	40	150	15/16 x 1 3/4	1.30
TCN1551	50	150	7/8 x 2 1/4	1.34
TCN2550	4	200	1 x 1 3/4	1.02
TCN3520	20	350	1 1/16 x 2 7/8	1.08
TCN511	10	450	1 1/16 x 2 1/4	.99

TCD DUAL COMMON NEGATIVE

No. TCD-	Cap., µF	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	15/16 x 2	1.62
26	25-25	25-25	13/16 x 1 1/4	.84
N201†	130-130	25-25	1 1/16 x 2 1/4	2.15
40	10-10	100-100	13/16 x 1 1/4	.87
43	10-30	150-150	13/16 x 1 3/4	1.62
45	20-20	150-150	15/16 x 1 3/4	.99
508	130-20	150-150	1 1/16 x 2 7/8	2.07
47	30-30	150-150	15/16 x 1 3/4	1.08
485	40-20	150-150	15/16 x 1 3/4	1.05
475	40-30	150-150	15/16 x 2	1.08
48	40-40	150-150	1 1/16 x 2	1.11
497	50-30	150-150	15/16 x 2	1.17
49	50-50	150-150	1 1/16 x 2 1/4	1.26
50	60-20	150-150	15/16 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	15/16 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	15/16 x 1 3/4	.96
52	10-10	250-250	15/16 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	15/16 x 2	1.02
65	20-20	350-350	1 1/16 x 2 3/8	1.35
68	30-5	350-350	15/16 x 2 3/8	2.25
2297	40-50	450-50	1 1/16 x 3 1/8	1.50
2302	30-60	450-300	1 1/16 x 4	1.92
71	8-8	450-450	15/16 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 1/16	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

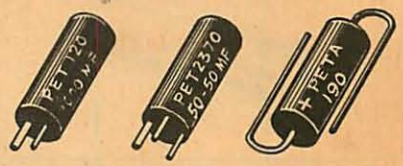
Mallory No.	Cap., µF	WV DC†	Size, In. Dia. x Lg.	Net Each
TCS44	15-15	150	13/16 x 2 3/8	$1.20
TCS45	20-20	150	15/16 x 2 3/8	1.26
TCS47	30-30	150	1 1/16 x 2 3/8	1.35
TCS48	40-40	150	1 1/16 x 2 7/8	1.41
TCS49	120-120	150	1 1/16 x 3 7/8	1.98
TCS505	70-70	175	1 1/16 x 3 7/8	2.16
TCS52	10-10	250	15/16 x 2 3/8	1.26
TCS55	20-20	250	1 1/16 x 2 7/8	1.41
TCS61	8-8	350	15/16 x 2 3/8	1.26
TCS64	15-15	350	1 1/16 x 2 7/8	1.65
TCS71	8-8	450	1 1/16 x 2 3/8	1.29
TCS74	15-15	450	1 1/16 x 2 7/8	1.65
TCS75	20-20	450	1 1/16 x 3 1/2	1.89

†Each section.

TCT TRIPLE COMMON NEGATIVE

No. TCT-	Cap., µF	Volts	Size, In. Dia.x L.	Net Each
3053	20-20-20	150-150-25	15/16 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 7/8	1.65
3109	20-10-10	150-150-150	15/16 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 7/8	1.62
3117	80-40-20	150-150-150	1 1/16 x 2 7/8	1.65
3118	80-50-50	150-150-150	1 1/16 x 4	1.86
3120	80-80-20	150-150-150	15/16 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 5/8	$0.82
122	15	3	3/8 x 5/8	.83
130	30	3	3/8 x 3/4	.83
140	40	3	3/8 x 3/4	.83
180	150	3	7/16 x 15/16	.89
1210	5	6	3/8 x 5/8	.82
1260	60	6	7/16 x 3/4	.85
1300	750	6	5/8 x 1 1/4	1.18
1340	10	10	3/8 x 5/8	.83
1400	100	10	1/2 x 7/8	.88
1500	100	12	7/16 x 1 1/16	.88
1535	6	15	3/8 x 5/8	.83
1570	20	15	3/8 x 3/4	.83
1575	50	15	7/16 x 7/8	.85
1760	10	25	3/8 x 3/4	.83
1930	2	50	3/8 x 5/8	.82
1935	4	50	3/8 x 3/4	.83
1960	25	50	7/16 x 1	.85
1980	50	50	1/2 x 1 1/16	.88
290	500-50	3-3	1 1/2 x 1 1/4	1.31
2150	100-100	4-4	1/2 x 15/16	1.18
2290	100-40	6-3	1/2 x 7/8	1.14
2320	400-200	6-6	1/2 x 1 1/2	1.37
2312	200-20	8-8	1/2 x 1 1/2	1.18
2365C*	50-25	10-10	1/2 x 3/4	1.12
2370	50-50	10-10	1/2 x 1	1.13
3310	100-100-65	8-8-8	5/8 x 1	1.20
A120	1000	1	5/8 x 1 7/8	1.16
A190	750	3	5/8 x 1 3/8	1.06
A1675	65	16	7/16 x 1 1/8	.72
A2300	250-100	7-3	1/2 x 1 3/8	1.27
A2385	80-50	10-10	1/2 x 1 1/4	1.08
A2395	100-40	10-3	1/2 x 1 1/8	1.58

*Uses common positive construction.

CAPACITOR HARDWARE

BP (phenolic) and **MP** (metal) **Series:** Mounting plates for FP-WP capacitors. **PS Series:** Plug-in sockets for FP-WP. **VR Series:** Clamps fit all can types. **TH Series:** Clips for tubular and can types. **CE Series:** Cardboard insulating tubes for FP, etc. **MW100:** Mounting wrench for FP.

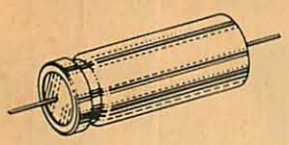
Mall. No.	Size, In.	Net Ea.	Mall. No.	Size, In.	Net Ea.
BP2	3/4	3c	TH17	5/8	3c
BP4	1	3c	TH19	3/4	3c
BP4A	1	3c	TH21	7/8	3c
BP6	1 3/8	3c	TH23	1	3c
MP2	3/4	3c	TH25	1 3/8	6c
MP4	1	3c	CE1	3/4 x 2	6c
MP6	1 3/8	3c	CE2	1 x 1 1/2	6c
PS4	1	42c	CE3	1 x 2	6c
PSC4	*	6c	CE4	1 x 3	6c
PS6	1 3/8	54c	CE5	1 3/8 x 2	6c
VR1	1	11c	CE6	1 3/8 x 3	6c
VR3	1 3/8	12c	CE7	1 x 2 1/2	6c
VR4	1 1/2	14c	CE8	1 x 4	9c
VR6	1 3/4	14c	CE9	1 3/8 x 2 1/2	6c
VR8	2	14c	CE10	1 3/8 x 4	9c
VR10	2 1/2	20c	CE11	1 x 3 1/2	9c
VR12	3	30c	CE12	1 3/8 x 3 1/2	9c
TH13	3/8	3c	CE13	1 x 1 3/4	6c
TH15	1/2	3c	CE14	3/4 x 1 1/2	6c

*Retainer.

Mallory MW100 Mounting Wrench— Net Each.....$1.05

MALLORY Electrolytic Capacitors

TT TINY TUBULAR ALUMINUM ELECTROLYTIC CAPACITORS

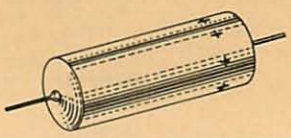


Mallory TT capacitors are made from very high purity aluminum foil, deep-etched to provide maximum capacity per unit of volume. Etched cathode construction assures long, hum-free operation. Utilize all-welded construction; exhibit exceptionally low DCL and ESR. Supplied in aluminum case with insulating sleeve; wire leads 2" lg. (± ¼"). **Temperature Range:** −30° C to +85° 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	¼ x ⅝	$0.51
TT2X150	150	2	⅜ x ⅝	.90
TT3X1	1	3	¼ x ⅝	.51
TT3X2	2	3	¼ x ⅝	.51
TT3X3	3	3	¼ x ⅝	.51
TT3X4	4	3	¼ x ⅝	.51
TT3X5	5	3	¼ x ⅝	.51
TT3X6	6	3	¼ x ⅝	.51
TT3X8	8	3	¼ x ⅝	.51
TT3X10	10	3	¼ x ⅝	.51
TT3X15	15	3	¼ x ⅝	.51
TT3X20	20	3	¼ x ⅝	.51
TT3X25	25	3	¼ x ⅝	.51
TT3X35	35	3	¼ x ⅝	.57
TT3X40	40	3	¼ x ⅝	.72
TT3X50	50	3	¼ x ⅝	.74
TT3X75	75	3	¼ x ¾	.75
TT3X100	100	3	⅜ x ⅝	.81
TT3X110	110	3	⅜ x ⅝	.81
TT3X150	150	3	5/16 x ¾	.81
TT3X200	200	3	⅜ x ¾	.81
TT3X250	250	3	⅜ x ⅞	.81
TT3X300	300	3	⅜ x 1	.87
TT3X400	400	3	⅜ x 1 1/16	.93
TT3X500	500	3	⅜ x 1 3/16	.99
TT6X1	1	6	¼ x ⅝	.54
TT6X2	2	6	¼ x ⅝	.54
TT6X3	3	6	¼ x ⅝	.54
TT6X4	4	6	¼ x ⅝	.54
TT6X5	5	6	¼ x ⅝	.54
TT6X6	6	6	¼ x ⅝	.54
TT6X8	8	6	¼ x ⅝	.54
TT6X10	10	6	¼ x ⅝	.54
TT6X15	15	6	¼ x ⅝	.54
TT6X20	20	6	¼ x ⅝	.54
TT6X25	25	6	¼ x ⅝	.54
TT6X30	30	6	¼ x ⅝	.57
TT6X35	35	6	¼ x ⅝	.57
TT6X40	40	6	¼ x ⅝	.57
TT6X50	50	6	¼ x ¾	.75
TT6X60	60	6	¼ x ¾	.75
TT6X75	75	6	⅜ x ⅝	.81
TT6X80	80	6	⅜ x ⅝	.81
TT6X100	100	6	⅜ x ⅝	.81
TT6X150	150	6	⅜ x ¾	.81
TT6X200	200	6	⅜ x ⅞	.84
TT6X250	250	6	⅜ x 1	.87
TT6X300	300	6	⅜ x 1	.93
TT10X2	2	10	¼ x ⅝	.57
TT10X6	6	10	¼ x ⅝	.57
TT10X10	10	10	¼ x ⅝	.57
TT10X15	15	10	¼ x ⅝	.57
TT10X25	25	10	¼ x ⅝	.75
TT10X30	30	10	¼ x ¾	.81
TT10X40	40	10	¼ x ¾	.81
TT10X50	50	10	5/16 x ⅝	.81
TT10X60	60	10	⅜ x ⅝	.81
TT10X100	100	10	⅜ x ¾	.81
TT10X200	200	10	⅜ x 1	.96
TT12X1	1	12	¼ x ⅝	.57
TT12X2	2	12	¼ x ⅝	.57
TT12X3	3	12	¼ x ⅝	.57
TT12X4	4	12	¼ x ⅝	.57
TT12X5	5	12	¼ x ⅝	.57
TT12X6	6	12	¼ x ⅝	.57
TT12X8	8	12	¼ x ⅝	.57
TT12X10	10	12	¼ x ⅝	.57
TT12X15	15	12	¼ x ⅝	.57
TT12X20	20	12	¼ x ⅝	.57
TT12X25	25	12	¼ x ¾	.75
TT12X35	35	12	¼ x ¾	.75
TT12X50	50	12	⅜ x ⅝	.81
TT12X75	75	12	⅜ x ¾	.81
TT12X100	100	12	⅜ x ⅞	.81
TT12X150	150	12	⅜ x 1	.93
TT12X200	200	12	⅜ x 1 1/16	.96
TT12X250	250	12	⅜ x 1 3/16	.96
TT15X1	1	15	¼ x ⅝	$0.57
TT15X2	2	15	¼ x ⅝	.57
TT15X3	3	15	¼ x ⅝	.57
TT15X4	4	15	¼ x ⅝	.57
TT15X5	5	15	¼ x ⅝	.57
TT15X6	6	15	¼ x ⅝	.57
TT15X8	8	15	¼ x ⅝	.57
TT15X10	10	15	¼ x ⅝	.57
TT15X15	15	15	¼ x ⅝	.57
TT15X20	20	15	¼ x ¾	.57
TT15X25	25	15	¼ x ¾	.75
TT15X30	30	15	5/16 x ⅜	.75
TT15X35	35	15	⅜ x ⅝	.75
TT15X40	40	15	⅜ x ⅝	.81
TT15X50	50	15	5/16 x ¾	.81
TT15X75	75	15	⅜ x ⅞	.81
TT15X100	100	15	⅜ x ⅞	.81
TT15X150	150	15	⅜ x 1 1/16	.87
TT15X200	200	15	⅜ x 1 3/16	.96
TT25X1	1	25	¼ x ⅝	.54
TT25X2	2	25	¼ x ⅝	.57
TT25X3	3	25	¼ x ⅝	.57
TT25X4	4	25	¼ x ⅝	.57
TT25X5	5	25	¼ x ⅝	.57
TT25X6	6	25	¼ x ⅝	.57
TT25X8	8	25	¼ x ⅝	.60
TT25X10	10	25	¼ x ⅝	.60
TT25X15	15	25	¼ x ¾	.75
TT25X20	20	25	5/16 x ⅝	.81
TT25X25	25	25	⅜ x ⅝	.81
TT25X30	30	25	5/16 x ¾	.81
TT25X35	35	25	5/16 x ¾	.81
TT25X50	50	25	⅜ x ⅞	.81
TT25X75	75	25	⅜ x 1	.87
TT25X100	100	25	⅜ x 1 1/16	.90
TT50X1	1	50	¼ x ⅝	.54
TT50X2	2	50	¼ x ⅝	.54
TT50X3	3	50	¼ x ⅝	.57
TT50X4	4	50	¼ x ⅝	.57
TT50X5	5	50	¼ x ¾	.57
TT50X6	6	50	¼ x ¾	.81
TT50X8	8	50	5/16 x ⅝	.81
TT50X10	10	50	⅜ x ⅝	.81
TT50X15	15	50	⅜ x ¾	.81
TT50X20	20	50	⅜ x ⅞	.81
TT50X25	25	50	⅜ x ⅞	.84
TT50X35	35	50	⅜ x 1	.84
TT50X50	50	50	⅜ x 1 3/16	.87
TT80X4	4	80	¼ x ¾	.81
TT100X1	1	100	¼ x ⅝	.81
TT100X2	2	100	¼ x ⅝	.81
TT100X3	3	100	¼ x ¾	.81
TT100X4	4	100	¼ x ¾	.81
TT100X5	5	100	5/16 x ⅜	.81
TT100X6	6	100	⅜ x ⅝	.81
TT100X8	8	100	5/16 x ¾	.81
TT100X10	10	100	⅜ x ¾	.81
TT100X15	15	100	⅜ x ⅞	.84
TT100X20	20	100	⅜ x 1	.84
TT100X25	25	100	⅜ x 1 1/16	.84
TT150X1	1	150	¼ x ⅝	.84
TT150X2	2	150	¼ x ¾	.84
TT150X3	3	150	5/16 x ⅝	.84
TT150X4	4	150	⅜ x ⅝	.84
TT150X5	5	150	⅜ x ¾	.84
TT150X6	6	150	⅜ x ¾	.84
TT150X8	8	150	⅜ x ⅞	.84
TT150X10	10	150	⅜ x 1	.84
TT150X12	12	150	⅜ x 1 1/16	.87
TT250X1	1	250	⅜ x ⅝	1.02
TT350X2	2	350	⅜ x 1 3/16	1.05

*Including insulating sleeve.

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° C. **Tolerance:** −10%, +100%. **Ask for Bulletin 9-372 for complete specifications.**

MTA STOCK VALUES

Mallory No.	Cap., µF	Max. WVDC	Surge VDC	Size †	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

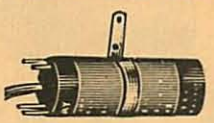
†MTA CASE SIZES

Size	Size, Inches Dia. x L.	Leads
D	5/16 x ¾	2
E	⅜ x 1	2
F	½ x 1 3/16	2

Net

MALLORY Electrolytic Capacitors

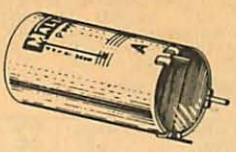
CARDBOARD TUBULAR WAX-FILLED ELECTROLYTICS



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., μF at WVDC	Size, In. D. x L.	Net Each
WS342	200 at 200	1 1/16 x 2 7/8	$1.84
WS427	140 at 300	1 1/4 x 2 7/8	2.05
WS560	150 at 400	1 1/4 x 4 3/8	2.64
WS730	100 at 450	1 5/16 x 3 3/8	2.63
WD210	50-30 at 150	3/4 x 2 3/8	1.24
WD215	50-50 at 150	7/8 x 2 3/8	1.30
WD220	70-30 at 150	7/8 x 2 3/8	1.30
WD235	100-50 at 150	1 x 2 3/8	1.56
WD270	120-120 at 150	1 x 2 7/8	1.87
WD251	250-50 at 160	1 3/8 x 2 3/8	2.18
WD340	60-125 at 200-50	1 1/16 x 2 3/8	1.54
WD345	5-200 at 200-200	1 1/8 x 3 1/8	2.05
WD355	250-120 at 200-200	1 3/8 x 3 1/8	2.92
WD410	200-100 at 300-50	1 1/8 x 4 3/8	2.93
WD446	100-150 at 350-300	1 3/8 x 3 3/8	3.40
WD448	150-100 at 350-300	1 3/8 x 4 3/8	3.49
WD450	5-140 at 350-350	1 1/8 x 4 3/8	2.54
WT201	60-40-250 at 150-150-15	1 x 2 3/8	1.72
WT240	60-60-100 at 150-150-25	1 1/16 x 2 3/8	1.72
WT312	250-120-50 at 160-160-100	1 3/8 x 3 3/8	2.31
WT217	40-40-20 at 150	1 x 2 7/8	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 3/8	2.78
WT360	200-250-10 at 200	1 3/8 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 3/8	2.47
WT449	140-5-200 at 350-300-200	1 3/8 x 4 3/8	3.60
WT455	100-40-40 at 350-350-250	1 1/8 x 4 3/8	2.90
WT458	60-60-60 at 350-350-300	1 1/4 x 4 3/8	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 3/8	3.41
WT630	5-40-80 at 450-400-400	1 5/16 x 4 3/8	2.72
WT700	10-10-150 at 450-450-50	1 1/8 x 2 3/8	1.85
WQ209	60-40-20-200 at 150-150-150-10	1 x 2 3/8	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	15/16 x 2 7/8	1.70
WQ250	60-40-40-20 at 150-150-150-25	1 x 2 3/8	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 7/8	1.90
WQ401	140-4-50-4 at 300-300-150-150	1 3/8 x 3 1/2	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 3/8	4.27
WQ505	140-5-200-30 at 350-300-200-200	1 1/2 x 4 3/8	4.06
WQ515	40-20-20-100 at 350-300-250-50	1 1/4 x 2 3/8	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 3/8	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 3/8	2.94
WQ650	10-40-80-100 at 450-300-400-50	1 1/4 x 4 3/8	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 3/8	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

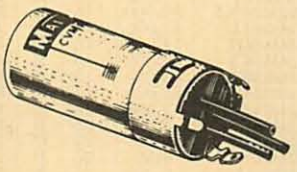


Dual and triple section types for exact replacement in popular home entertainment equipment. Fit printed circuit boards exactly. Same specifications as W series.

Mallory No.	Cap., μF	WVDC	Size, In. Dia. x L.	Net Each
PWD211	50-30	150*	1x2	$1.26
PWD221	50-50	150*	1x2 3/8	1.44
PWD231	75-30	150*	1x2 3/8	1.34
PWD240	80-30	150*	1x2 3/8	1.35
PWD252	80-50	150*	1x2 3/8	1.42
PWD253	80-50	200*	1x2 3/8	1.58
PWD263	100-50	150*	1x2 3/8	1.50
PWT205	30-25-20	150*	1x1 3/4	1.44
PWT225	50-30-20	150*	1x2	1.52
PWT245	60-20-5	150*	1x2 7/8	1.47
PWT260	60-80-20	150*	1x2 3/8	1.71
PWT275	80-40-150	150-150-25	1x2 3/8	1.69
PWT285	80-60-250	150-150-25	1 1/8 x 2 3/8	1.83
PWT360	60-120-20	200*	1 1/8 x 2 7/8	2.12

*WVDC each section.

"SNAP-CAP" CARDBOARD TUBULAR ELECTROLYTICS

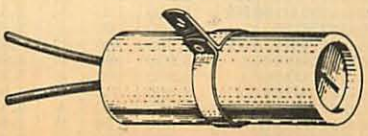


"Snap-Cap" CVM wax-filled cardboard tubular electrolytics snap firmly into FP type mounting plates. Will not shake or vibrate loose, yet are easily removed if necessary. Furnished with color-coded insulated wire leads and exclusive safety vent. **Temp. Range:** −20° C to +65° C. **Tolerance:** −10%,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

Mallory No.	Cap., μF	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., μF at VAC	Size, In. D. x L.	Net Each
ST75	70-92 at 50 VAC	7/8 x 2 3/8	$0.75
ST76	66.2-76 at 50 VAC	7/8 x 2 3/8	.75
ST80	75-90 at 65 VAC	3/4 x 2 3/8	.90
ST100	100-120 at 50 VAC	1 x 2 3/4	1.02
ST156	130 at 50 VAC	7/8 x 2 7/8	.90
ST240	210-240 at 50 VAC	1 x 3 3/8	1.29
ST290	210-290 at 50 VAC	1 x 3 3/8	1.29

HIGH-RELIABILITY TUBULAR ELECTROLYTICS

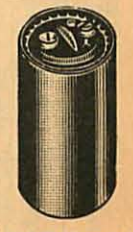
TPG capacitors are premium grade electrolytics in precision tubular cases. They are especially suited to those applications which require the utmost in reliability and long-life performance (communications, computers, instruments, etc.). Internal construction is all-welded for minimum loss. DCL is exceptionally 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., μF	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	13/16"	15/16"	1 1/8"	1 3/8"	1 5/8"

PHOTOFLASH CAPACITORS



Especially engineered capacitors for photoflash use.

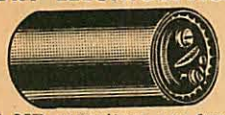
HC45003—300 μF, 450 WV DC. Plastic case, 2 1/16" dia. x 4 3/8". Max. DCL (at 5 min.) 5.5 mA. Net Each . . **$8.47**

FF45052—525 μF, 450 WV DC. Plastic case, 2 1/16" 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 μF at 450 WVDC each section. May be used in parallel for 100 μF. Supplied with cardboard insulating tube. Uses standard FP mounting plate. Net Each **$2.31**

MALLORY 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., μF	WV DC	* Size	Net Each
HC1020A	2,000	10	1	$ 3.36
HC1040A	4,000	10	2	4.60
HC1060A	6,000	10	8	5.20
HC1080	8,000	10	5	6.00
HC10100	10,000	10†	7	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	7	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

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

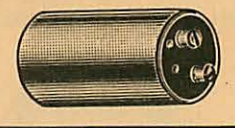
Code	Size, In. Dia. x Lg.	Use Hardware No. for Cap	Brkt.	Clamp
1	1 1/16 x 2 3/4	PL3, PLA3	HB2	VR3
2	1 1/16 x 3 3/8	PL3, PLA3	HB4	VR3
3	1 1/16 x 4 3/8	PL3, PLA3	HB8	VR3
4	1 13/16 x 3 3/8	PL6, PLA6	HB4	VR6
5	1 13/16 x 4 3/8	PL6, PLA6	HB8	VR6
6	2 1/16 x 3 3/8	PL8, PLA8	HB4	VR8
7	2 1/16 x 4 3/8	PL8, PLA8	HB8	VR8
8	1 1/2 x 4 1/16	.....	.....	VR4
9	3 x 4 1/16	.....	.....	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., μF	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
CG3451U75D1	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
CG751U100B1	750	100	B	1.82
CG13U100C1	1,000	100	C	2.11
CG132U100H1	1,300	100	H	2.30
CG1651U100K1	1,650	100	K	2.38
CG172U100J1	1,700	100	J	2.42
CG2251U100D1	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
CG2750U150A1	275	150	A	1.31
CG52U150B1	500	150	B	1.84
CG72U150C1	700	150	C	2.05
CG8750U150H1	875	150	H	2.20
CG112U150K1	1,100	150	K	2.36
CG1151U150J1	1,150	150	J	2.42
CG1551U150D1	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

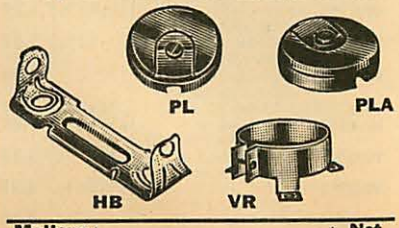


Mallory No.	Cap., μF	WV DC	* Size	Net Each
CG1651T200E1	1,650	200	E	$3.86
CG2451T200F1	2,450	200	F	5.25
CG382T200G1	3,800	200	G	7.26
CG141T250A1	140	250	A	1.70
CG2750T250B1	275	250	B	1.88
CG3750T250C1	375	250	C	2.01
CG451T250H1	450	250	H	2.08
CG62T250K1	600	250	K	2.23
CG6250T250J1	625	250	J	2.43
CG82T250D1	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 3/16 x 2 1/4	VR3
B	1 3/8 x 3 1/4	VR3
C	1 3/8 x 4 1/8	VR3
D	2 x 4 1/8	VR8
E	2 1/2 x 4 1/8	VR10
F	3 x 4 1/8	VR12
G	3 x 5 5/8	VR12
H	1 3/4 x 3 1/8	VR6
J	1 3/4 x 4 1/16	VR6
K	2 x 3 1/8	VR8

HC, NP AND CG HARDWARE



Mallory No.	Description	Net Each
PL3	1 1/16" end cap—In	$0.08
PLA3	1 1/16" end cap—Out	.08
PL6	1 13/16" end cap—In	.10
PLA6	1 13/16" end cap—Out	.10
PL8	2 1/16" end cap—In	.12
PLA8	2 1/16" end cap—Out	.12
HB2	3 1/64" horiz. bracket	.13
HB4	3 31/32" horiz. bracket	.13
HB8	4 31/32" horiz. bracket	.15
VR3	1 3/8–1 7/16" vert. clamp	.12
VR4	1 1/2–1 9/16" vert. clamp	.14
VR6	1 3/4–1 13/16" vert. clamp	.14
VR8	2–2 1/4" vert. clamp	.14
VR10	2 1/2–2 3/4" vert. clamp	.20
VR12	3–3 1/4" vert. clamp	.48

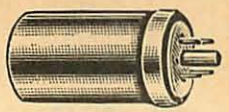
Net

MALLORY 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.

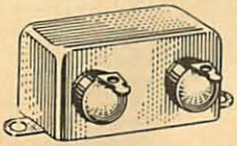
Mallory No.	Cap., µF	WV DC	Size, In. Dia. x L.	Net Each
PB110	20	150	1⅝x2½	$2.37
PB114	40	150	1⅝x2½	2.46
PB139	100	350	1⅜x3½	3.51
PB142	10	450	1⅝x2½	2.43
PB144	20	450	1⅝x2½	2.53
PB146	40	450	1⅜x2½	2.73
PB149	80	450	1⅜x4¼	3.33
PB208	20-20	150	1⅝x2½	2.52
PB212	40-40	150	1⅝x2½	2.61
PB234	20-20	450	1⅜x2½	3.03
PB238	40-40	450	1⅜x4¼	3.57
PB311.2	20-20-20	150	1⅝x2½	2.88
PB345.8	20-20-20	450-450-25	1⅜x2½	3.33
PB375.8	10-10-10	450	1⅝x2½	3.06

THREADED-NECK MOUNTING SERIES

Series RS, HS and RM have threaded neck ¾"-16 x ½" with nut and washer; insulated stranded wire terminations. Conform closely to MIL-C-62, detail specifications CE41 and CE42.

Mallory No.	Cap., µF	WV DC	Size, In. Dia. x L.	Net Each
RS207	30	250	1 x 3½	$1.23
RS212	8	450	1⅜ x 3	1.32
RS213	8	450	1 x 2¾	1.32
RS214	12	450	1⅜ x 3	1.44
RS215	12	450	1 x 2¾	1.44
RS216	16	450	1 x 3½	1.47
RS217	16	450	1⅜ x 3	1.47
RS219	20	450	1⅜ x 3	1.62
RS223	30	450	1⅜ x 3	1.80
RS224	40	450	1⅜ x 3	1.89
HS691	4	600	1⅜ x 4	1.77
HS693	8	600	1⅜ x 3¾	1.89
HS696	20	600	1⅜ x 4¼	2.31
RM262	8-8	450	1⅜ x 3	1.80
RM265	8-8-8	450	1⅜ x 4¼	3.00

BATHTUB BS SERIES

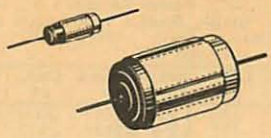


Conform to MIL-C-62 detail specification CE63. These capacitors are hermetically sealed in hot-tinned steel cases with solder lug terminations at the side. Mounts with flanges having 3/16" dia. holes.

Mall. No.	Cap. µF	WV DC	Size, Inches H. x W. x L.	Net Each
BS26	25	25	¾ x 1 x 1¾	$2.70
BS29	50	25	¾ x 1 x 1¾	2.76
BS36	25	50	¾ x 1 x 1¾	2.73
BS39	50	50	⅞ x 1 x 1¾	2.82
BS45	20	150	⅞ x 1 x 1¾	2.82
BS48	40	150	1 x 1¼ x 1¾	2.91
BS62	10	300	⅞ x 1 x 1¾	2.85
BS65	20	300	1⅛ x 1¼ x 1¾	2.94
BS81*	8	500	1 x 1¾ x 2	3.45
BS91*	8	600	1 x 1¾ x 2	3.51

*Mtg. centers 2⅜"; all others 2⅛".

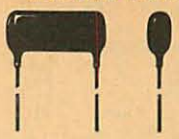
POLYSTYRENE CAPACITORS



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 µF. **Insulation Resistance:** Greater than 100,000 megohms. **Power Factor:** Less than 0.05%. **Temperature Coefficient:** −150 ppm/° C, ±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:** ±5%. Sizes shown are ±.010" dia. x ±.032" lg. **Ask for Bulletin 9-370 for complete specifications.**

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	12c
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	18c
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

PVC DIPPED MYLAR* RADIAL-LEAD CAPACITORS



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

100 WVDC, 250 V SURGE

Mallory No.	Cap., µF	Size, Inches L.	H.	T.	Net Ea. 1-24
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

PVC211	.01	.63	.38	.22	$0.15
PVC2115	.015	.63	.38	.22	.16
PVC212	.02	.63	.38	.22	.15
PVC2122	.022	.63	.38	.22	.15
PVC2133	.033	.81	.41	.25	.15
PVC214	.04	.81	.41	.25	.15
PVC2147	.047	.81	.44	.28	.15
PVC215	.05	.81	.44	.28	.15
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

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

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

Net

MALLORY 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.: *11/32"; †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"; †9/32"; ‡3/8"; #1/2"; §11/16".

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	15c
GP320*	200	12c	GP268#	6800	15c
GP322*	220	12c	GP275^	7500	15c
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	B282#	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"; ‡17/32"; §5/8"; #21/32"; •3/4"; ■15/16".

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"; †13/32"; ‡9/16"; §21/32"; #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"; ‡17/32"; §5/8"; #3/4"; •7/8"; ■21/32"; ^19/32".

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.: *23/32"; †27/32"; ‡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	2HV310♦	10K	24c
2HV382§	820	24c			

3000 WVDC

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

Dia.: *27/32"; †13/16"; ‡29/32"; #17/32"; §21/32"; •3/4"; ■27/32"; ^15/16"; ♦1 1/16".

DEFLECTION YOKE

Made especially for 15,750 cps deflection yoke use. Voltage as listed below; flash is two times rated voltage. **Tol.:** ±10%. **Power Factor:** 1.5% max. at 1 kc. **Insul. Resis.:** 7500 megs min. **Temp. Coef.:** N1500 (+13%, −10%) (−35° C to +85° C).

2000 WVDC

Mallory No.	Cap., pF	Net Ea.	Mallory No.	Cap., pF	Net Ea.
2DY547*	4.7	15c	2DY433*	33	15c
2DY568*	6.8	15c	2DY439*	39	15c
2DY410*	10	15c	2DY447*	47	15c
2DY412*	12	15c	2DY456*	56	15c
2DY415*	15	15c	2DY468*	68	15c
2DY422*	22	15c	2DY482*	82	15c
2DY427*	27	15c	2DY310†	100	15c

3000 WVDC

3DY547*	4.7	21c	3DY447*	47	21c
3DY568*	6.8	21c	3DY456*	56	21c
3DY410*	10	21c	3DY468†	68	21c
3DY412*	12	21c	3DY482†	82	21c
3DY415*	15	21c	3DY310†	100	21c
3DY422*	22	21c	3DY312‡	120	21c
3DY427*	27	21c	3DY3135‡	135	21c
3DY433*	33	21c	3DY315‡	150	21c
3DY439*	39	21c	3DY318#	180	21c

6000 WVDC

6DY547*	4.7	36c	6DY433*	33	36c
6DY568*	6.8	36c	6DY439†	39	36c
6DY410*	10	36c	6DY447†	47	36c
6DY412*	12	36c	6DY456‡	56	36c
6DY415*	15	36c	6DY468#	68	36c
6DY422*	22	36c	6DY482§	82	36c
6DY427*	27	36c			

Dia.: *19/32"; †23/32"; ‡13/16"; #29/32"; §31/32".
‡Guaranteed minimum value.
®P. R. Mallory & Co. Inc. trademark.

Net

MALLORY 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	TAS562K006P0A	TAS562K010P0A	TAS562K015P0A	TAS562K020P0A	TAS562K035P0A*	.....
.0068	TAS682*006P0A	TAS682*010P0A	TAS682*015P0A	TAS682*020P0A	TAS682*035P0A*	.....
.0082	TAS822K006P0A	TAS822K010P0A	TAS822K015P0A	TAS822K020P0A	TAS822K035P0A*	.....
.010	TAS103*006P0A	TAS103*010P0A	TAS103*015P0A	TAS103*020P0A	TAS103*035P0A*	.....
.012	TAS123K006P0A	TAS123K010P0A	TAS123K015P0A	TAS123K020P0A	TAS123K035P0A*	.....
.015	TAS153*006P0A	TAS153*010P0A	TAS153*015P0A	TAS153*020P0A	TAS153*035P0A*	.....
.018	TAS183K006P0A	TAS183K010P0A	TAS183K015P0A	TAS183K020P0A	TAS183K035P0A*	.....
.022	TAS223*006P0A	TAS223*010P0A	TAS223*015P0A	TAS223*020P0A	TAS223*035P0A*	.....
.027	TAS273K006P0A	TAS273K010P0A	TAS273K015P0A	TAS273K020P0A	TAS273K035P0A*	.....
.033	TAS333*006P0A	TAS333*010P0A	TAS333*015P0A	TAS333*020P0A	TAS333*035P0A*	.....
.039	TAS393K006P0A	TAS393K010P0A	TAS393K015P0A	TAS393K020P0A	TAS393K035P0A*	.....
.047	TAS473*006P0A	TAS473*010P0A	TAS473*015P0A	TAS473*020P0A	TAS473*035P0A*	.....
.056	TAS563K006P0A	TAS563K010P0A	TAS563K015P0A	TAS563K020P0A	TAS563K035P0A*	.....
.068	TAS683*006P0A	TAS683*010P0A	TAS683*015P0A	TAS683*020P0A	TAS683*035P0A*	.....
.082	TAS823K006P0A	TAS823K010P0A	TAS823K015P0A	TAS823K020P0A	TAS823K035P0A*	.....
.10	TAS104*006P0A	TAS104*010P0A	TAS104*015P0A	TAS104*020P0A	TAS104*035P0A*	.....
.12	TAS124K006P0A	TAS124K010P0A	TAS124K015P0A	TAS124K020P0A	TAS124K035P0A*	.....
.15	TAS154*006P0A	TAS154*010P0A	TAS154*015P0A	TAS154*020P0A	TAS154*035P0A*	.....
.18	TAS184K006P0A	TAS184K010P0A	TAS184K015P0A	TAS184K020P0A	TAS184K035P0A*	.....
.22	TAS224*006P0A	TAS224*010P0A	TAS224*015P0A	TAS224*020P0A	TAS224*035P0A*	.....
.27	TAS274K006P0A	TAS274K010P0A	TAS274K015P0A	TAS274K020P0A	TAS274K035P0A*	.....
.33	TAS334*006P0A	TAS334*010P0A	TAS334*015P0A	TAS334*020P0A	TAS334*035P0A*	TAS334*050P0A
.39	TAS394K006P0A	TAS394K010P0A	TAS394K015P0A	TAS394K020P0A	TAS394K035P0A*	TAS394K050P0A
.47	TAS474*006P0A	TAS474*010P0A	TAS474*015P0A	TAS474*020P0A	TAS474*035P0A*	TAS474*050P0A
.56	TAS564K006P0A	TAS564K010P0A	TAS564K015P0A	TAS564K020P0A	TAS564K035P0A*	TAS564K050P0A
.68	TAS684*006P0A	TAS684*010P0A	TAS684*015P0A	TAS684*020P0A	TAS684*035P0A*	TAS684*050P0A
.82	TAS824K006P0A	TAS824K010P0A	TAS824K015P0A	TAS824K020P0A	TAS824K035P0A*	TAS824K050P0A
1.0	TAS105*006P0A	TAS105*010P0A	TAS105*015P0A	TAS105*020P0A	TAS105*035P0A*	TAS105*050P0A
1.2	TAS125K006P0A	TAS125K010P0A	TAS125K015P0A	TAS125K020P0A*	TAS125K035P0C*	TAS125K050P0C
1.5	TAS155*006P0A	TAS155*010P0A	TAS155*015P0A	TAS155*020P0A*	TAS155*035P0C*	TAS155*050P0C
1.8	TAS185K006P0A	TAS185K010P0A	TAS185K015P0A	TAS185K020P0A*	TAS185K035P0C*	TAS185K050P0C
2.2	TAS225*006P0A	TAS225*010P0A	TAS225*015P0A	TAS225*020P0A*	TAS225*035P0C*	TAS225*050P0C
2.7	TAS275K006P0A	TAS275K010P0A	TAS275K015P0A*	TAS275K020P0C	TAS275K035P0C*	TAS275K050P0C
3.3	TAS335*006P0A	TAS335*010P0A	TAS335*015P0A*	TAS335*020P0C	TAS335*035P0C*	TAS335*050P0C
3.9	TAS395K006P0A	TAS395K010P0A*	TAS395K015P0C	TAS395K020P0C	TAS395K035P0C*	TAS395K050P0C
4.7	TAS475*006P0A	TAS475*010P0A*	TAS475*015P0C	TAS475*020P0C	TAS475*035P0C*	TAS475*050P0C
5.6	TAS565K006P0A*	TAS565K010P0C	TAS565K015P0C	TAS565K020P0C	TAS565K035P0C*	TAS565K050P0F
6.8	TAS685*006P0A*	TAS685*010P0C	TAS685*015P0C	TAS685*020P0C	TAS685*035P0C*	TAS685*050P0F
8.2	TAS825K006P0C	TAS825K010P0C	TAS825K015P0C	TAS825K020P0C*	TAS825K035P0F*	TAS825K050P0F
10	TAS106*006P0C	TAS106*010P0C	TAS106*015P0C	TAS106*020P0C*	TAS106*035P0F*	TAS106*050P0F
12	TAS126K006P0C	TAS126K010P0C	TAS126K015P0C	TAS126K020P0C*	TAS126K035P0F*	TAS126K050P0F
15	TAS156*006P0C	TAS156*010P0C	TAS156*015P0C	TAS156*020P0C*	TAS156*035P0F*	TAS156*050P0F
18	TAS186K006P0C	TAS186K010P0C	TAS186K015P0C*	TAS186K020P0F	TAS186K035P0F*	TAS186K050P0F
22	TAS226*006P0C	TAS226*010P0C	TAS226*015P0C*	TAS226*020P0F	TAS226*035P0F*	TAS226*050P0G
27	TAS276K006P0C	TAS276K010P0C*	TAS276K015P0F	TAS276K020P0F*	TAS276K035P0G*	.....
33	TAS336*006P0C	TAS336*010P0C*	TAS336*015P0F	TAS336*020P0F*	TAS336*035P0G*	.....
39	TAS396K006P0C	TAS396K010P0C*	TAS396K015P0F	TAS396K020P0F*	TAS396K035P0G*	.....
47	TAS476*006P0C*	TAS476*010P0F	TAS476*015P0F	TAS476*020P0F*	TAS476*035P0G	.....
56	TAS566K006P0C*	TAS566K010P0F	TAS566K015P0F*	TAS566K020P0G*	.....	.....
68	TAS686*006P0F	TAS686*010P0F	TAS686*015P0F*	TAS686*020P0G*	TAS686M035P0G	.....
82	TAS826K006P0F	TAS826K010P0F*	TAS826K015P0G	TAS826K020P0G*	.....	.....
100	TAS107*006P0F	TAS107*010P0F*	TAS107*015P0G	TAS107*020P0G*	.....	.....
120	TAS127K006P0F	TAS127K010P0F*	TAS127K015P0G*	.....	.....	.....
150	TAS157*006P0F*	TAS157*010P0G	TAS157*015P0G*	.....	.....	.....
180	TAS187K006P0F*	TAS187K010P0G*	.....	.....	.....	.....
220	TAS227*006P0G	TAS227*010P0G*	.....	.....	.....	.....
270	TAS277K006P0G*	.....	.....	.....	.....	.....
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 1-24	25-49	50-99	100-499	500-999	For ±20% Tol. (M), Net Each 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

A	.125 x .250	50	0.47–1.0	$2.45	$1.97	$1.66	$1.43	$1.29	$1.90	$1.50	$1.28	$1.09	$1.00
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

MALLORY Tantalum Capacitors

MIL-C-26655A, CS12 AND CS13

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

6 WVDC

Cap., µF	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., µF	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

15 WVDC

Cap., µF	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., µF	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., µF	Mallory Number	Size
.33	CS12AFR33*	A
.39	CS12AFR39K	A
.47	CS12AFR47*	A
.56	CS12AFR56K	A
.68	CS12AFR68*	A
.82	CS12AFR82K	A
1.0	CS12AF010*	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., µF	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** = ±10%; **M** = ±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., µF	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., µF	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., µF	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., µF	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., µF	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., µF	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** = ±10%; **M** = ±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., µF	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 ±10% tol., **M** for ±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

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., µF	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 ±10% tol., **M** for ±20%.

†CASE SIZES

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

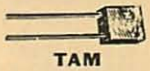
±10% TOLERANCE

†	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

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



TAM

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 1½" long spaced .200" apart. Case is premolded plastic with polarity markings on the top. Temperature range is −55° C to +85° C. Standard tolerance: ±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., µF	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.

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

Net

MALLORY Tantalum 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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C 120CPS (Ohms)
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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C 120CPS (Ohms)
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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C 120CPS (Ohms)
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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C 120CPS (Ohms)
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* 1-9	10-24	25-49	50-99	100-499	500-Up	Size Code	Net Each, Lots of* 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 11/16"
B = 9/32" dia. x 7/8"
C = 3/8" dia. x 1 1/16"
D = 3/8" dia. x 2 1/8"
E = 7/8" 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.)

MALLORY Tantalum 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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C 120CPS (Ohms)
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	CL30CQ1R5MP3	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 25° C	Maximum DCL Microamps 125° C	Max. Imped. at −55° C at 120CPS (Ohms)
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	CL32CNR25MN3	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	28	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

−55° C TO +85° C

CL34/35 POLARIZED

10	3	CL34BA100MP3	A1	1	2	250
50	3	CL34BA500MP3	B1	2	6	50
8	6	CL34BB080MP3	A1	1	2	329
30	6	CL34BB300MP3	B1	2	6	88
100	6	CL34BB101MP3	C1	2	10	26
200	6	CL34BB201MP3	D1	5	30	13
300	6	CL34BB301MP3	E1	10	50	9
6	10	CL34BD060MP3	A1	1	2	440
25	10	CL34BD250MP3	B1	2	6	105
80	10	CL34BD800MP3	C1	2	10	33
160	10	CL34BD161MP3	D1	4	20	17
220	10	CL34BD221MP3	E1	5	50	12
4.5	15	CL34BE4R5MP3	A1	1	2	495
10	15	CL34BE100MP3	B1	2	4	250
18	15	CL34BE180MP3	B1	2	4	124
55	15	CL34BE550MP3	C1	2	10	41
110	15	CL34BE111MP3	D1	4	20	21
160	15	CL34BE161MP3	E1	5	30	14
2.5	30	CL34BH2R5MP3	A1	2	5	893
30	30	CL34BH300MP3	C1	2	11	75
60	30	CL34BH600MP3	D1	4	20	37
85	30	CL34BH850MP3	E1	6	30	27
1.5	50	CL34BJ1R5MP3	A1	1	4	1486
6	50	CL34BJ060MP3	B1	2	6	372
20	50	CL34BJ200MP3	C1	2	13	112
40	50	CL34BJ400MP3	D1	4	26	56
55	50	CL34BJ550MP3	E1	6	38	41
1	75	CL34BL010MP3	A1	1	4	2230
4	75	CL34BL040MP3	B1	2	6	558
14	75	CL34BL140MP3	C1	2	13	160
28	75	CL34BL280MP3	D1	4	26	80
40	75	CL34BL400MP3	E1	6	38	56
.8	100	CL34BN0R8MP3	A1	1	3.5	2790
3	100	CL34BN030MP3	B1	2	6	743
10	100	CL34BN100MP3	C1	2	13	223
20	100	CL34BN200MP3	D1	3	25	112
30	100	CL34BN300MP3	E1	6	38	75
.5	150	CL34BQ0R5MP3	A1	2	4	4460
2	150	CL34BQ020MP3	B1	2	6	1693
4	150	CL34BQ040MP3	C1	3	13	558
7	150	CL34BQ070MP3	C1	3	13	319
8	150	CL34BQ080MP3	D1	4	26	265
12	150	CL34BQ120MP3	D1	4	26	208
14	150	CL34BQ140MP3	D1	4	26	159
20	150	CL34BQ200MP3	E1	6	38	112
.35	200	CL34BRR35LP3	A3	3	13	5700
1.5	200	CL34BR1R5LP3	B3	4	16	1300
5	200	CL34BR050LP3	C3	8	32	400
10	200	CL34BR100LP3	D3	14	56	200
15	200	CL34BR150LP3	E3	20	80	130
.3	250	CL34BSR30LP3	A3	3	16	6600
1.2	250	CL34BS1R2LP3	B3	4	20	1600
4	250	CL34BS040LP3	C3	8	40	500
8	250	CL34BS080LP3	D3	14	70	250
12	250	CL34BS120LP3	E3	20	90	160
1	300	CL34BX010LP3	B3	4	22	1600
3	300	CL34BX030LP3	C3	9	45	680
7	300	CL34BX070LP3	D3	16	80	280
10	300	CL34BX100LP3	E3	22	100	200

CL36/37 NON-POLARIZED

10	3	CL36BA100MN3	A1	1	2	263
45	3	CL36BA450MN3	B1	2	6	59
140	3	CL36BA141MN3	C1	2	10	19
280	3	CL36BA281MN3	D1	3	30	10
400	3	CL36BA401MN3	C1	5	50	6
7	6	CL36BB070MN3	A1	1	2	377
25	6	CL36BB250MN3	B1	2	6	105
85	6	CL36BB850MN3	C1	2	10	31
170	6	CL36BB171MN3	D1	5	30	15
250	6	CL36BB251MN3	E1	10	50	11
4	10	CL36BD040MN3	A1	1	2	660
16	10	CL36BD160MN3	B1	2	6	165
55	10	CL36BD550MN3	C1	2	10	48
110	10	CL36BD111MN3	D1	4	20	24
150	10	CL36BD151MN3	E1	5	50	18
2.5	15	CL36BE2R5MN3	A1	1	2	892
10	15	CL36BE100MN3	B1	2	4	223
35	15	CL36BE350MN3	C1	2	10	64
70	15	CL36BE700MN3	D1	4	20	32
100	15	CL36BE101MN3	E1	5	30	23
1.5	25	CL36BG1R5MN3	A1	2	4	1485
6	25	CL36BG060MN3	B1	2	6	372
20	25	CL36BG200MN3	C1	3	10	111
40	25	CL36BG400MN3	D1	4	20	56
60	25	CL36BG600MN3	E1	5	30	38
1.4	30	CL36BH1R4MN3	A1	2	5	1594
5.5	30	CL36BH5R5MN3	B1	2	6	406
18	30	CL36BH180MN3	C1	2	11	124
36	30	CL36BH360MN3	D1	4	20	62
45	30	CL36BH450MN3	E1	6	30	50
0.8	50	CL36BJ0R8MN3	A1	1	4	2790
3	50	CL36BJ030MN3	B1	2	6	743
10	50	CL36BJ100MN3	C1	2	13	223
20	50	CL36BJ200MN3	D1	4	26	112
30	50	CL36BJ300MN3	E1	6	38	75
0.5	75	CL36BL0R5MN3	A1	1	4	4460
2	75	CL36BL020MN3	B1	8	16	1115
7	75	CL36BL070MN3	C1	2	13	319
14	75	CL36BL140MN3	D1	4	26	160
20	75	CL36BL200MN3	E1	6	38	112
0.4	100	CL36BN0R4MN3	A1	1	3.5	5600
1.5	100	CL36BN1R5MN3	B1	2	6	1485
5	100	CL36BN050MN3	C1	2	13	446
10	100	CL36BN100MN3	D1	3	25	223
15	100	CL36BN150MN3	E1	6	38	149
0.25	150	CL36BQR25MN3	A1	2	4	8920
1	150	CL36BQ010MN3	B1	2	6	2230
3.5	150	CL36BQ3R5MN3	C1	3	13	635
7	150	CL36BQ070MN3	D1	4	26	319
10	150	CL36BQ100MN3	E1	6	38	223
0.15	200	CL36BRR15LN3	A4	6	26	13000
0.75	200	CL36BRR75LN3	B4	8	32	2600
2.5	200	CL36BR2R5LN3	C4	16	64	800
5	200	CL36BR050LN3	D4	28	112	400
7.5	200	CL36BR7R5LN3	E4	40	160	260
0.15	250	CL36BSR15LN3	A4	6	32	13000
0.6	250	CL36BS0R6LN3	B4	8	40	3300
2	250	CL36BS020LN3	C4	16	80	1000
4	250	CL36BS040LN3	D4	28	140	500
6	250	CL36BS060LN3	E4	40	200	330

MALLORY 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 **5c** to prices). **See bulletin 9-351 for specs.**

CASE SIZES

Case Size	Uninsulated		Insulated	
	Dia.	Lgth.	Dia.	Lgth.
T1	.190″	.453″	.219″	.485″
T2	.281″	.641″	.313″	.672″
T3	.375″	.766″	.406″	.797″

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	CL64BK8R2*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	CL64BL3R5*P3	T1
6.8	75	CL64BL6R8*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	CL64BN2R5*P3	T1
4.7	100	CL64BN4R7*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	CL64BP1R7*P3	T1
3.6	125	CL64BP3R6*P3	T1
9	125	CL64BP090*P3	T2
14	125	CL64BP140*P3	T2
18	125	CL64BP180*P3	T3
25	125	CL64BP250*P3	T3

CL64C—, −55° TO +125° C

Cap., µF	WVDC at +85°C	Mallory Number	Case Size
30	6	CL64CB300*P3	T1
68	6	CL64CB680*P3	T1
140	6	CL64CB141*P3	T2
270	6	CL64CB271*P3	T2
330	6	CL64CB331*P3	T3
560	6	CL64CB561*P3	T3
25	8	CL64CC250*P3	T1
56	8	CL64CC560*P3	T1
220	8	CL64CC221*P3	T2
430	8	CL64CC431*P3	T3
20	10	CL64CD200*P3	T1
47	10	CL64CD470*P3	T1
100	10	CL64CD101*P3	T2
180	10	CL64CD181*P3	T2
250	10	CL64CD251*P3	T3
390	10	CL64CD391*P3	T3
15	15	CL64CE150*P3	T1
33	15	CL64CE330*P3	T1
70	15	CL64CE700*P3	T2
120	15	CL64CE121*P3	T2
170	15	CL64CE171*P3	T3
270	15	CL64CE271*P3	T3
10	25	CL64CG100*P3	T1
22	25	CL64CG220*P3	T1
100	25	CL64CG101*P3	T2
180	25	CL64CG181*P3	T3
8	30	CL64CH080*P3	T1
15	30	CL64CH150*P3	T1
40	30	CL64CH400*P3	T2
68	30	CL64CH680*P3	T2
100	30	CL64CH101*P3	T3
150	30	CL64CH151*P3	T3
5	50	CL64CJ050*P3	T1
10	50	CL64CJ100*P3	T1
25	50	CL64CJ250*P3	T2
47	50	CL64CJ470*P3	T2
60	50	CL64CJ600*P3	T3
82	50	CL64CJ820*P3	T3
4	60	CL64CK040*P3	T1
8.2	60	CL64CK8R2*P3	T1
20	60	CL64CK200*P3	T2
39	60	CL64CK390*P3	T2
50	60	CL64CK500*P3	T3
68	60	CL64CK680*P3	T3
3.5	75	CL64CL3R5*P3	T1
6.8	75	CL64CL6R8*P3	T1
15	75	CL64CL150*P3	T2
33	75	CL64CL330*P3	T2
40	75	CL64CL400*P3	T3
56	75	CL64CL560*P3	T3
2.5	100	CL64CN2R5*P3	T1
4.7	100	CL64CN4R7*P3	T1
11	100	CL64CN110*P3	T2
22	100	CL64CN220*P3	T2
30	100	CL64CN300*P3	T3
43	100	CL64CN430*P3	T3
1.7	125	CL64CP1R7*P3	T1
3.6	125	CL64CP3R6*P3	T1
9	125	CL64CP090*P3	T2
14	125	CL64CL140*P3	T2
18	125	CL64CP180*P3	T3
25	125	CL64CP250*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 **5c** to prices shown.

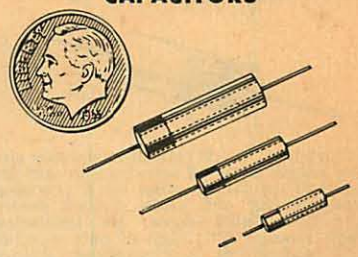
CL64B—, (+85° C) ±10% (K)

Case Size	Net Each, Lots of				
	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	Net Each, Lots of				
	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

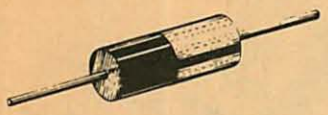
Case Size	Dimensions	
	Diameter	Length
A	.115″	.400″
B	.145″	.590″
C	.225″	.775″
D	.115″	.312″

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

MALLORY 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., µF	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*

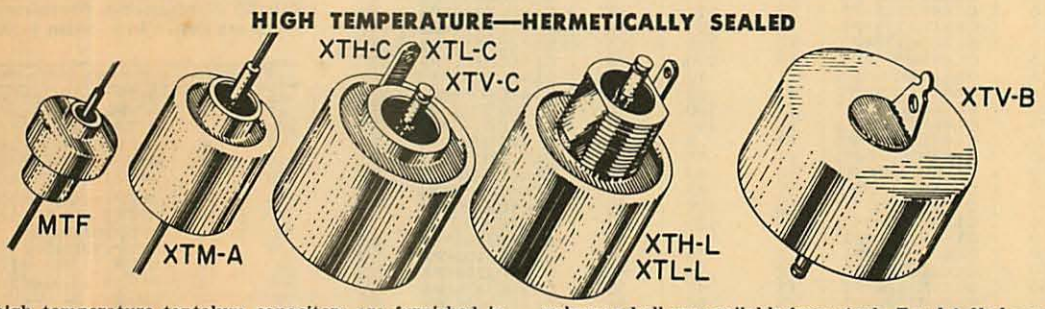
Case Size	Net Each, Lots of 1-24	25-49	50-99	100-499	500-999
A	$1.46	$1.17	$0.99	$0.84	$0.766
B	2.46	1.97	1.66	1.415	1.29
C	4.28	3.42	2.89	2.46	2.25

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

TAP

Cap., µF	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° TO +150° C

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

Cap., µF	WVDC +85°C	Mallory Number	Cap., µF	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° TO +175° C

Cap., µF	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° TO +200° C

Cap., µF	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° TO +200° C

Cap., µF	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° 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., µF	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	XTV197T040P0B	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.