

MALLORY Metallized Polyester Film Capacitors



QUENCHARC® ARC SUPPRESSOR / SNUBBER NETWORKS

RoHS Compliant This product is RoHS compliant.



RoHS Compliant

Features:

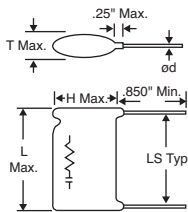
- Metallized Polyester Capacitor in series with a carbon composition resistor.
- Flame Retardant epoxy coated case

Specifications:

- Operating Temperature: -55°C to +85°C
- Capacitance Tolerance: ±20%
- Resistance Tolerance: ±10%

Applications:

- Noise and Arc Suppression
- RC Snubber Network
- Relay Contact Protection
- EMI/RFI Reduction
- Noise reduction on Controllers/Drivers



DIMENSIONS: in.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mallory Part No.	Value (µf)	Resistor		Dimensions: mm				Price Each			
			Watts	(Ω)	W	T	H	LS	1	25	50	100
200 VDC (125VAC)												
539-504M02QA100	504M02QA100	.50	0.5	100	27.4	9.4	16.3	20.8	6.99	5.55	5.30	4.73
539-504M02QA220	504M02QA220	.50	0.5	220	27.4	9.4	16.3	20.8	6.99	5.55	5.30	4.73
539-105M02QB47	105M02QB47	1	0.5	47	36.8	9.9	16.8	30.5	8.15	6.93	6.19	6.02
600 VDC (250VAC)												
539-104M06QC22	104M06QC22	.10	0.5	22	27.4	9.9	16.8	20.8	5.33	4.87	4.50	4.25
539-104M06QC47	104M06QC47	.10	0.5	47	27.4	9.9	16.8	20.8	5.33	4.87	4.50	4.25
539-104M06QC100	104M06QC100	.10	0.5	100	27.4	9.9	16.8	20.8	5.33	4.87	4.50	4.25
539-104M06QC150	104M06QC150	.10	0.5	150	27.4	9.9	16.8	20.8	6.78	5.75	5.16	5.01
539-104MACQRL150	104MACQRL150	.10	0.5	150	27.4	11.2	16.8	20.8	7.14	6.06	5.42	5.28



SUPPRESSOR METALLIZED POLYESTER FILM 158X SERIES - TYPE X2



RoHS Compliant

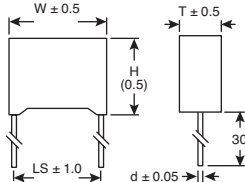
For quantities greater than listed, call for quote.

Features:

- UL and CSA Approved
- Flame retardant case meets UL94V-0
- Polyurethane end fill meets UL94V-0
- Used in applications where damage to the capacitor will not lead to the danger of electrical shock

Specifications:

- Operating temperature: -40°C to +100°C
- Voltage range: 250V-RMS
- Tolerance: ±20%
- Lead material: tinned copper clad steel



MOUSER STOCK NO.	Mallory Part No.	Value (µf)	Dimensions: mm					Price Each			
			W	T	H	LS	d	1	50	100	500
539-158X103	158X103	.010	17.0	5.0	12.0	15.0	0.6	.88	.777	.714	.556
539-158X223	158X223	.022	17.0	5.0	12.0	15.0	0.6	.96	.86	.789	.616
539-158X333	158X333	.033	17.0	5.0	12.0	15.0	0.6	1.16	1.06	.946	.757
539-158X473	158X473	.047	17.0	5.5	12.5	15.0	0.8	.91	.818	.736	.576
539-158X104	158X104	.100	17.0	8.0	15.0	15.0	0.8	.83	.772	.738	.702
539-158X224	158X224	.220	25.0	8.0	17.5	22.5	0.8	1.51	1.35	1.21	.965
539-158X334	158X334	.330	25.0	10.0	19.5	22.5	0.8	2.18	1.98	1.76	1.40
539-158X474	158X474	.470	30.0	11.0	22.0	27.5	0.8	2.24	2.02	1.79	1.53
539-158X684	158X684	.680	30.0	13.5	24.5	27.5	0.8	3.52	3.18	2.81	2.27
539-158X105	158X105	1.0	30.5	15.0	24.5	27.5	1.0	4.75	4.26	3.80	3.04
539-158X225	158X225	2.2	41.0	17.5	32.8	37.5	1.0	10.48	9.44	8.37	6.68



METALLIZED POLYESTER FILM, RADIAL



RoHS Compliant

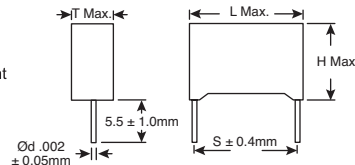
Excellent choice for general purpose applications such as blocking, bypass, decoupling, smoothing and some timing, energy storage/discharge and arc suppression.

Features:

- Non-Polar
- Low leakage
- Non inductively wound
- Epoxy Encapsulant meets UL94V-0
- Flame retardant case meets UL94V-0

Specifications:

- Voltage range: 160 series - 63V to 650V
168 series - 50 to 400V
- Capacitance range: 160 series - .003µF to 3.3µF
168 series - .001µF to 1µF
- Operating temperature: -55°C to +125°C
- Tolerance: 5%, 10%



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mallory Part No.	Vdc/Vac	Value (µF)	Tol. ±	Dimensions: mm					Price Each			
					L	l	H	S	od	1	50	100	500
160 Series													
539-160-474K63D-F	160474K63D-F	63/40	0.47	10%	13	5	11	10	0.8	.84	.78	.703	.598
539-160105J63E-F	160105J63E-F	63/40	1.0	5%	13	6	12	10	0.8	1.50	1.39	1.26	1.08
539-160104K100C-F	160104K100C-F	100/63	0.1	10%	13	4	9.5	10	0.8	.68	.64	.574	.504
539-160224K100D-F	160224K100D-F	100/63	0.22	10%	13	5	11	10	0.8	.58	.54	.497	.425
539-160224J100D-F	160224J100D-F	100/63	0.22	5%	13	5	11	10	0.8	.57	.53	.468	.40
539-160334J100E-F	160334J100E-F	100/63	0.33	5%	13	6	12	10	0.8	.69	.642	.589	.501
539-160474K100F-F	160474K100F-F	100/63	0.47	10%	13	6	12	10	0.8	.84	.79	.706	.586
539-160105K100H-F	160105K100H-F	100/63	1.0	10%	18	7.5	13.5	15	0.8	1.34	1.26	1.13	.971
539-160335K100Q-F	160335K100Q-F	100/63	3.3	10%	26.5	10	19	22.5	0.8	2.95	2.47	2.23	2.01
539-160333K250C-F	160333K250C-F	250/160	0.033	10%	13	4	935	10	0.8	.69	.661	.577	.493
539-160473K250C-F	160473K250C-F	250/160	0.047	10%	13	4	935	10	0.8	.72	.691	.61	.526
539-160104J250D-F	160104J250D-F	250/160	0.1	5%	13	5	11	10	0.8	.54	.512	.424	.386
539-160104K250D-F	160104K250D-F	250/160	0.1	10%	13	5	11	10	0.8	.55	.496	.457	.401
539-160224J250F-F	160224J250F-F	250/160	0.22	5%	18	5	11	15	0.8	.70	.669	.602	.507
539-160334J250G-F	160334J250G-F	250/160	0.33	5%	18	6	12	15	0.8	.94	.883	.789	.689
539-160105K250N-F	160105K250N-F	250/160	1.0	10%	26.5	8.5	17	22.5	0.8	1.76	1.64	1.49	1.26
539-160335J250Q-F	160335J250Q-F	250/160	3.3	5%	32	13	22.5	27.5	0.8	4.55	3.78	3.44	3.10
539-160104J400G-F	160104J400G-F	400/200	0.1	5%	18	6	12	15	0.8	.84	.78	.707	.601
539-160103K630C-F	160103K630C-F	630/220	0.01	10%	13	4	9.5	10	0.8	.72	.68	.619	.523
539-160103J630C-F	160103J630C-F	630/220	0.01	5%	13	4	9.5	10	0.8	.83	.771	.705	.592
539-160104J630L-F	160104J630L-F	630/220	0.1	5%	26.5	6	15	22.5	0.8	1.72	1.60	1.46	1.24
539-160222J1000C-F	160222J1000C-F	1000/250	0.0022	5%	13	4	9.5	10	0.8	.44	.40	.362	.316
539-160104J1000N-F	160104J1000N-F	1000/250	0.1	5%	26.5	8.5	17	22.5	0.8	1.87	1.75	1.57	1.33
168 Series													
539-168224J50C-F	168224J50C-F	50/30	0.22	5%	7.2	3.5	7.5	5	0.6	.59	.543	.491	.417
539-168105J50G-F	168105J50G-F	50/30	1	5%	7.2	6	11	5	0.6	1.24	1.15	1.01	.888
539-168104J63A-F	168104J63A-F	63/40	0.1	5%	7.2	2.5	6.5	5	0.6	.50	.48	.418	.37
539-168224J63C-F	168224J63C-F	63/40	0.22	5%	7.2	3.5	7.5	5	0.6	.65	.576	.528	.491
539-168334K63H-F	168334K63H-F	63/40	0.33	10%	7.2	4.5	8.5	5	0.6	.90	.78	.652	.489
539-168474J63H-F	168474J63H-F	63/40	0.47	5%	7.2	4.5	8.5	5	0.6	.98	.834	.709	.535
539-168332J100A-F	168332J100A-F	100/63	0.0033	5%	7.2	2.5	6.5	5	0.6	.50	.443	.371	.288
539-168472J100A-F	168472J100A-F	100/63	0.0047	5%	7.2	2.5	6.5	5	0.6	.36	.327	.299	.275
539-168103J100A-F	168103J100A-F	100/63	0.01	5%	7.2	2.5	6.5	5	0.6	.43	.384	.322	.248
539-168223J100A-F	168223J100A-F	100/63	0.022	5%	7.2	2.5	6.5	5	0.6	.48	.414	.35	.263
539-168333J100C-F	168333J100C-F	100/63	0.033	5%	7.2	3.5	7.5	5	0.6	.41	.38	.335	.288
539-168473J100C-F	168473J100C-F	100/63	0.047	5%	7.2	3.5	7.5	5	0.6	.61	.518	.437	.321
539-168104J100H-F	168104J100H-F	100/63	0.1	5%	7.2	4.5	8.5	5	0.6	.63	.59	.501	.443

