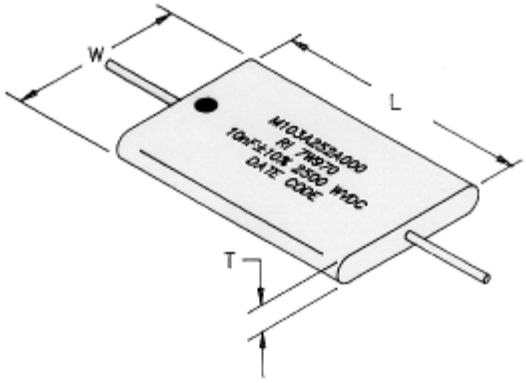
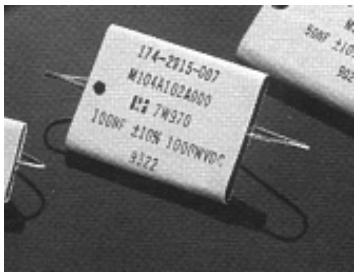
Standard Micapacitors
Data Sheet
5.0 kVDC Rated





(Dimensions shown as in/mm)

Part Number	Voltage kVDC)	Cap. (nF)	Length	Width	Thickness
M502A502A002	5.0	5	1.44/36.6	0.82/20.8	0.17/4.3
M103A502A000	5.0	10	1.69/42.9	0.97/24.6	0.20/5.1
M253A502A000	5.0	25	2.19/55.6	1.32/33.5	0.22/5.6
M503A502A003	5.0	50	2.56/65.0	1.62/41.1	0.26/6.6
M104A502A004	5.0	100	3.06/77.7	2.01/51.1	0.31/7.9

1. Capacitance Tolerance: +/- 10%
2. Dissipation Factor: .005 Max. @ 25°C, 1 kHZ
3. Insulation Resistance:
   - 4000 MΩ*µF @25°C, need not exceed 100GΩ
   - 25 MΩ*µF @125°C, need not exceed 1GΩ
4. Dielectric withstanding voltage:
   - 5.0 kV rated
   - 7.5 kV burn-in for 2 hours @ 100°C
   - 10.0 kV proof for 5 seconds
5. Mylar wrapped, epoxy endcapped
6. Black dot indicates outer foil
7. Wire leads are AWG 18 solder coated copper
8. Safety: Capacitors are shipped with leads shorted

We also manufacture military quality standard and custom designed Spark Gaps and Voltage Multipliers. If you have a corona test requirement but lack the necessary test equipment, we offer AC and DC corona testing services including a test report. Call for information concerning these services.

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