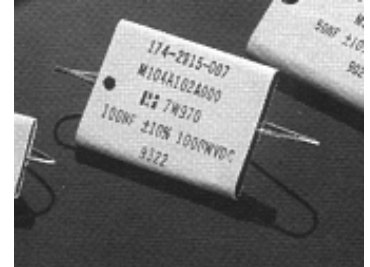
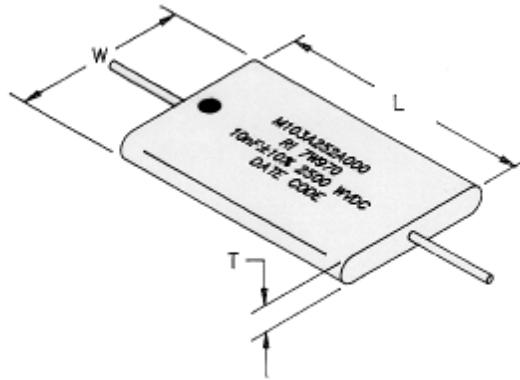


# Standard **Micap**acitors

## Data Sheet

### 25 kVDC Rated



(Dimensions shown as in/mm)

Part Number	Voltage kVDC)	Cap. (nF)	Length	Width	Thickness
M501A253A000	25.0	0.5	2.69/68.3	1.65/41.9	0.27/6.9
M102A253A002	25.0	1	2.82/71.6	1.84/46.7	0.31/7.9
M252A253A000	25.0	2.5	3.32/84.3	2.26/57.4	0.36/9.1
M502A253A001	25.0	5	3.82/97.0	2.68/68.1	0.41/10.4
M103A253A001	25.0	10	4.69/119	3.30/83.8	0.46/11.7

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:
  - 25 kV rated
  - 28.8 kV burn-in for 2 hours @ 100°C
  - 32.5 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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