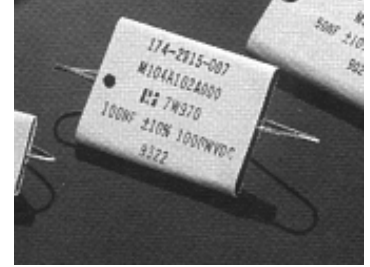
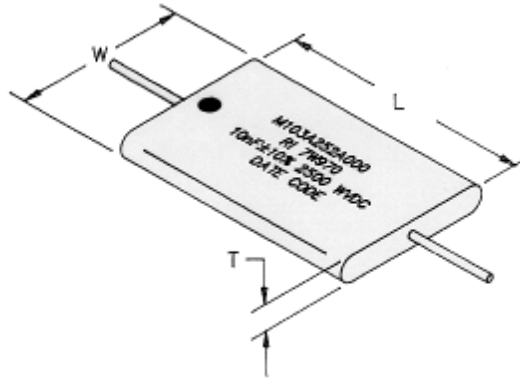


# Standard **Micap** capacitors

## Data Sheet

### 30 kVDC Rated



(Dimensions shown as in/mm)

Part Number	Voltage kVDC)	Cap. (nF)	Length	Width	Thickness
M501A303A000	30.0	0.5	3.19/81.0	2.09/53.1	0.33/8.4
M102A303A001	30.0	1	3.57/90.7	2.46/62.5	0.35/8.9
M252A303A000	30.0	2.5	4.32/110	3.06/77.7	0.39/9.9
M502A303A000	30.0	5	4.69/119	3.42/86.9	0.68/17.3

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:
  - 30 kV rated
  - 34.5 kV burn-in for 2 hours @ 100°C
  - 39 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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