

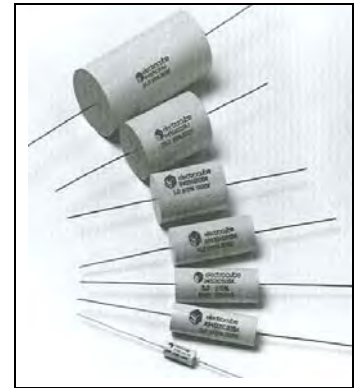
This capacitor series was designed for High Voltage AC and pulsing applications. The units are rated for 15,000 VDC / 2,500 VAC & 30,000 VDC / 4,500 VAC @ 60Hz.

All capacitors feature extended electrode construction and standard tin-coated copper leads. Nickel, copperweld, dumet and other special leads are available.

Protective clear wrap is offered.

The potting material and endfills of Electrocube's capacitors meet or exceed the flammability requirements of UL94VO.

Dimensional variations for all MFD values are available with the same volume to meet your design requirements.



RoHS

SPECIFICATIONS

Temperature: -40°C to +85°C

Dielectric voltage test: Will withstand an application 120% of rated DC voltage for 1 minute.

Dissipation factor: Shall not exceed 0.1% at 25°C.

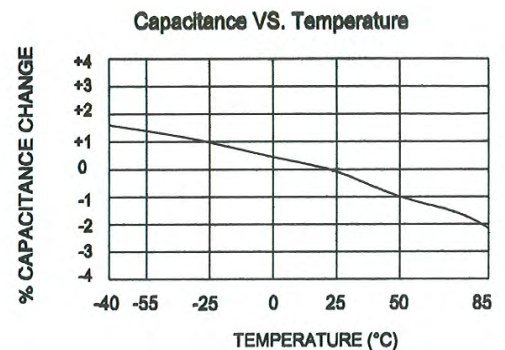
Dielectric Absorption: Shall not exceed 0.1% at 25°C per MIL-C-19978.

Acceptance Criteria: Measurement frequency for capacitance and dissipation factor shall be 1000Hz.

Insulation Resistance: $\geq 30,000$ MEG Ω @ 100 VDC, 25°C for 1 minute.

Resistance to Soldering Heat: Bath temperature maximum 260°C duration 10 seconds Maximum.

TYPICAL DIELECTRIC CHARACTERISTIC CURVES



Pulse Rise Time:

Length of Capacitor	15,000V	30,000V
L \leq 2.13	5,000V/us	-
L = 2.75	2,500V/us	10,000V/us

All Electrocube film capacitors have endfills and tape that Meet or exceed the flammability requirements of UL94VO.

