FMD52 – Mixed Dielectric Polypropylene + Paper AC Capacitors

Features

- **Oil Impregnated** – For good Corona Resistance
- **Dielectric** – Polypropylene + Paper
- **Electrode** - Aluminium Foil
- **Coil** - Non inductively wound, oil impregnated
- **Leads** – Brass studs
- **Construction** – Aluminium Can + Blue PVC Sleeve, stud insert moulded plastic end caps
- **Markings** - ***El-Ci-Ar*** logo, Capacitance, Voltage, Type
- **Capacitor Tolerance** - 20% (M), 10% (K), 5% (J)
- **Dissipation Factor** <= 0.005 at 1KHz at 25C° (typical value 0.001)
- **Test Voltage** - 2.5 x Vr for 2 sec
- **Max Pulse Rise** - 300V/ **µs**
- **Temperature Range from** -25C° to +85C°
- **Insulation Resistance** ≥ 25 GΩ for C ≤ 0.33uF at 25C°
  ≥ 3000 sec for C ≥ 0.33uF at 25C°

Application

- General purpose RC N/W
- Across diodes, SCR
- Suited for high voltage applications like induction heating
- Suppression Circuits

Available Values

- Capacitance : 0.1uF to 1uF
- Voltage : 1200VAC / 2000VDC

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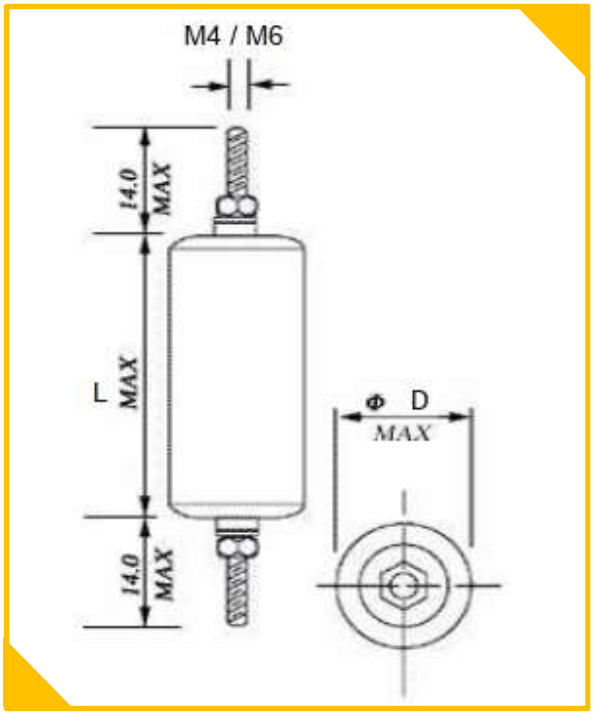
Drawing



Dimensions

Value (uF)	D (Ø)	L	Stud
0.1	20	45	M4
0.25	25	72	M6
0.5	30	72	M6
1	40	100	M6
2	45	102	M6

* All dimensions are in mm.