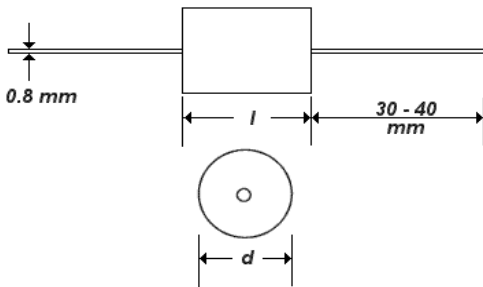


FMD 23 - Mixed Dielectric Capacitors

(earlier FMD11 series)



Features

- Oil Impregnated for Good Corona Resistance
- Dielectric - Polyester + Paper
- Electrode - Aluminium Foil
- Coil - Non inductively wound, Extended Foil construction
- Leads - Axial copper wires
- Construction - Moulded / Resin filled plastic tube
- Markings - El-Ci-Ar logo, Capacitance, Voltage, Type
- Capacitor Tolerance - 20% (M), 10% (K), 5% (J)
- Dissipation Factor (Tan δ) \leq 0.01 at 1KHz at 25°C (Typically 0.005)
- Test Voltage - 2.5 x Vr for 2 sec (Vr=2000V, 3000V)
2 x Vr for 2 sec (Vr=5000V)
- Max Pulse Rise - 300V/usec
- Temperature Range from -25°C to +85°C
- Insulation Resistance \geq 25 G Ω for C \leq 0.33uF at 20°C
 \geq 75000 sec for C \geq 0.33uF

Applications

- General Purpose RC N/W across diodes, SCR
- Suited for High Voltage Applications like Induction Heating
Suppression Circuits

Custom Values
are also available
on request

| Rated Capacitor nF | 2000V | | 3000V | | 5000V | |
|-----------------------|-------|----|-------|----|-------|----|
| | D | L | D | L | D | L |
| 1 | | | 10 | 23 | 10 | 23 |
| 1.5 | | | 10 | 23 | 12 | 23 |
| 2.2 | | | 10 | 23 | 12 | 23 |
| 3.3 | | | 12 | 23 | 15 | 23 |
| 4.7 | | | 12 | 23 | 15 | 23 |
| 6.8 | | | 15 | 23 | 15 | 23 |
| 10 | 10 | 23 | 15 | 23 | 15 | 23 |
| 15 | 10 | 23 | 15 | 23 | 17 | 33 |
| 22 | 12 | 23 | 17 | 33 | 17 | 33 |
| 33 | 15 | 23 | 17 | 33 | 19.5 | 57 |
| 47 | 15 | 23 | 19.5 | 42 | 19.5 | 57 |
| 68 | 17 | 33 | 19.5 | 57 | 22 | 55 |
| 100 | 17 | 33 | 19.5 | 57 | 22 | 55 |
| 150 | 19.5 | 57 | 22 | 55 | 25 | 56 |
| 220 | 19.5 | 57 | 25 | 56 | 32 | 57 |
| 330 | 25 | 56 | 32 | 57 | | |
| 470 | 25 | 56 | 32 | 57 | | |
| 680 | 32 | 57 | | | | |

Tube length (L) less than 54 mm
Tube length (L) greater than 54 mm

wire lead Dia = 0.8 mm
wire lead Dia = 1.0 mm