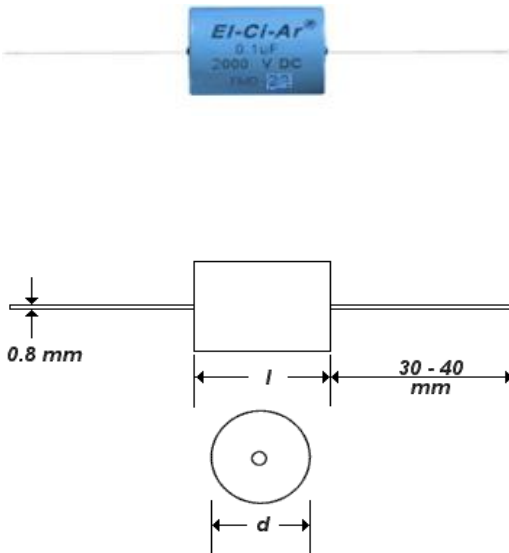


FMD 23 - Mixed Dielectric Capacitors

(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 - Resin filled plastic tube
- Markings - El-Ci-Ar logo, Capacitance, Voltage, Type
- Capacitor Tolerance - 20% (M), 10% (K), 5% (J)
- Dissipation Factor ($\tan \delta$) ≤ 0.01 at 1KHz at 25°C (Typical - 0.005)
- Test Voltage - 2.5 x Vr for 2 sec (Vr = 2000V, 3000V)
2 x Vr for 2 sec (Vr = 5000V)
1.6 X Vr for 2 sec (Vr = 8000V)
- Max Pulse Rise - 300V/usec
- Temperature Range from -25°C to +85°C
- Insulation Resistance $\geq 25 \text{ G}\Omega$ for $C \leq 0.33\mu\text{F}$ at 20oC
 $\geq 7,500 \text{ sec}$ for $C > 0.33\mu\text{F}$



Applications :

- General Purpose RC N/W across diodes etc.
- Suited for High Voltage Applications and making capacitor banks.
- Suppression Circuits.

Custom Values
are also available
on request

Rated Capacitance nF	Rated Voltage (Vr)								
	2000V		3000V		5000V		8000V		
	D	L	D	L	D	L	C(nF)	D	L
1			10	23	10	23	10	19	56
1.5			10	23	12	23	12.8	19	56
2.2			10	23	12	23	16	22	56
3.3			12	23	15	23	20	22	56
4.7			12	23	15	23	21	25	56
6.8			15	23	15	23	25.6	32	56
10	10	23	15	23	15	23	32	32	56
15	10	23	15	23	17	33	47	32	56
22	12	23	17	33	17	33	50	32	56
33	15	23	17	33	19	57	64	42	56
47	15	23	19	42	19	57	72	42	56
68	17	33	19	57	22	55			
100	17	33	19	57	22	55			
150	19	57	22	55	25	56			
220	19	57	25	56	31	57			
330	25	56	31	57					
470	25	56	31	57					
680	31	57							

Tube length (L) less than 54 mm wire lead Dia = 0.8 mm
 Tube length (L) greater than 54 mm wire lead Dia = 1.0 mm