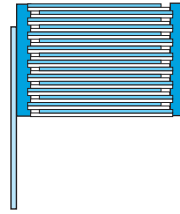


Metalized Polyester Film Capacitors-Radial

MEF



FILM CAPACITORS

- Metallized Polyester Film
- Metal Spray Layer
- Connecting Wire

ELECTRICAL CHARACTERISTICS:

MEF are non-inductively wound with metallized Polyester film as the dielectric/electrode with copper-clad steel leads and epoxy resin coated. They are suitable for blocking, coupling, decoupling, filtering, by-pass and timing circuits. They find application in telecommunication, data processing, industrial instruments, and automatic control system equipments.

FEATURES:

- High moisture resistance
- Good solderability
- Self healing properties.
- Space-saving small size.

SPECIFICATION:

1. Operating Temperature: -40 ~ +105°C *
2. Capacitance Range: .01 ~ 10uF
3. Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M).
4. Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC.
5. Dissipation Factor (DF): 1.0% MAX at 1KHz, 25°C
1.5% MAX at 10KHz, 25°C
6. Insulation Resistance:
 - For $V_R \leq 100VDC$ $\geq 15000M \Omega$ For $C \leq 0.33\mu F$
 $\geq 5000M \Omega \cdot \mu F$ For $C > 0.33\mu F$
 - For $V_R > 100VDC$ $\geq 30000M \Omega$ For $C \leq 0.33\mu F$
 $\geq 10000M \Omega \cdot \mu F$ For $C > 0.33\mu F$

* Temperature derating factor of 1.25% per °C should be considered when temperature between 85°C & 105°C.

Unit: mm

VR	100VDC					250VDC					400VDC					630VDC				
	L	H	T	P	d ϕ	L	H	T	P	d ϕ	L	H	T	P	d ϕ	L	H	T	P	d ϕ
.01	10.5	9.0	5.5	7.5	0.6	10.5	9.0	5.5	7.5	0.6	10.5	9.0	5.5	7.5	0.6	13.0	10.0	6.0	10.0	0.6
.015	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	13.0	10.5	6.5	10.0	0.6
.022	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	13.0	9.5	6.0	10.0	0.6	13.0	12.5	7.5	10.0	0.6
.033	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	13.0	10.0	6.5	10.0	0.6	18.5	12.0	6.5	15.0	0.6
.047	10.5	9.5	6.0	7.5	0.6	10.5	9.5	6.0	7.5	0.6	13.0	12.0	7.0	10.0	0.6	18.5	12.5	7.5	15.0	0.6
.068	10.5	9.5	6.0	7.5	0.6	10.5	10.0	6.5	7.5	0.6	13.0	13.0	8.0	10.0	0.6	18.5	14.0	8.5	15.0	0.8
.1	10.5	9.5	6.0	7.5	0.6	13.0	10.0	6.5	10.0	0.6	18.5	12.5	7.0	15.0	0.8	18.5	14.5	10.0	15.0	0.8
.15	13	9.0	5.5	10.0	0.6	18.5	11.0	6.0	15.0	0.6	18.5	13.5	8.0	15.0	0.8	22.5	16.5	9.5	20.0	0.8
.22	13	10.0	6.5	10.0	0.6	18.5	11.5	6.5	15.0	0.6	22.5	14.5	8.0	20.0	0.8	22.5	19.0	11.5	20.0	0.8
.33	13	11.5	8.0	10.0	0.6	18.5	12.0	7.0	15.0	0.8	22.5	15.0	9.0	20.0	0.8	32.5	19.0	12.0	27.5	0.8
.47	18.5	11.0	6.0	15.0	0.6	22.5	12.5	7.5	20.0	0.8	22.5	18.5	11.5	20.0	0.8	32.5	22.0	13.5	27.5	0.8
.68	18.5	12.5	7.5	15.0	0.6	22.5	13.5	8.5	20.0	0.8	32.0	19.0	12.0	27.5	0.8	36.0	22.5	14.5	32.5	0.8
1.0	18.5	13.5	8.5	15.0	0.8	22.5	15.0	10.0	20.0	0.8	32.0	21.5	13.5	27.5	0.8	36.0	29.0	16.0	32.5	0.8
1.5	22.5	14.5	8.0	20.0	0.8	32.0	17.5	9.5	27.5	0.8	36.0	23.5	14.0	32.5	0.8	42.0	29.5	18.5	37.5	1.0
2.2	22.5	16.5	10.0	20.0	0.8	32.0	19.0	10.5	27.5	0.8	36.0	27.5	18.5	32.5	0.8	46.0	32.5	20.5	42.5	1.0
3.3	22.5	20.0	12.0	20.0	0.8	32.0	23.0	13.5	27.5	0.8	42.0	30.5	18.5	37.5	1.0					
4.7	22.5	21.5	14.0	20.0	0.8	36.0	24.0	14.0	32.5	0.8	46.0	34.0	22.0	42.5	1.0					
6.8	32	23.5	14.5	27.5	0.8	42.0	27.0	16.0	37.5	1.0										
10	32	29.0	18.0	27.5	0.8	42.0	35.0	19.0	37.5	1.0										