

# MEF SERIES

## Metallized Polyester Film Capacitor (Axial Lead)(Flat)

MEF are non-inductively wound with metallized polypropylene film as dielectric and electrode with copper-clad steel leads and epoxy resin coating.

### FEATURES:

Low dissipation factor (D.F.)

- High insulation resistance.
- High stability of capacitance and dissipation factor versus temperature and frequency.
- Self-healing properties.



### SPECIFICATIONS:

1. OPERATING TEMPERATURE: -40°C -- +85°C
2. CAPACITANCE RANGE: 0.01 μF – 30 μF
3. CAPACITANCE TOLERANCE: , ±5%(J), ±10%(K), ±20%(M)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0% max. at 1KHz, 20°C
6. INSULATION RESISTANCE: >15,000 MΩ (C ≤ 0.33 μF), >5,000 MΩ • μF/C (C > 0.33 μF).

Unit : mm

RV SIZE CAP(μF)	100 VDC				250 VDC				400 VDC				630 VDC			
	L max.	H max.	T max.	dø ±0.05	L max.	H max.	T max.	dø ±0.05	L max.	H max.	T max.	dø ±0.05	L max.	H max.	T max.	dø ±0.05
0.047									14.0	9.0	5.5	0.6	19.0	11.0	6.0	0.8
0.056									19.0	9.0	5.0	0.8	19.0	11.0	6.0	0.8
0.068									19.0	9.0	5.0	0.8	19.0	11.0	6.0	0.8
0.082									19.0	10.0	5.5	0.8	19.0	12.0	6.5	0.8
0.10	10.5	8.5	4.5	0.6	14.0	8.5	4.5	0.6	19.0	10.0	5.5	0.8	19.0	12.0	6.5	0.8
0.12	10.5	8.5	4.5	0.6	14.0	8.5	4.5	0.6	19.0	11.0	6.0	0.8	19.0	13.0	7.0	0.8
0.15	10.5	8.5	4.5	0.6	14.0	9.0	5.0	0.6	19.0	12.0	6.5	0.8	19.0	14.0	7.5	0.8
0.18	10.5	8.5	4.5	0.6	14.0	9.5	5.5	0.6	19.0	13.0	7.0	0.8	25.0	14.0	7.5	0.8
0.22	14.0	8.5	4.5	0.6	14.0	10.0	6.0	0.6	19.0	14.0	7.5	0.8	25.0	15.0	8.5	0.8
0.27	14.0	8.5	4.5	0.6	19.0	11.0	6.0	0.8	25.0	13.0	7.0	0.8	32.0	16.0	7.0	0.8
0.33	14.0	9.0	5.0	0.6	19.0	12.0	6.5	0.8	25.0	14.0	7.5	0.8	32.0	17.0	8.0	0.8
0.39	14.0	9.0	5.0	0.6	19.0	13.0	7.0	0.8	25.0	15.0	8.0	0.8	32.0	18.0	9.0	0.8
0.47	14.0	9.0	5.0	0.6	19.0	13.0	7.0	0.8	25.0	16.0	9.0	0.8	32.0	19.0	10.0	0.8
0.56	14.0	9.5	5.5	0.6	25.0	12.0	6.0	0.8	25.0	17.0	10.0	0.8	32.0	20.0	11.0	0.8
0.68	19.0	10.5	5.5	0.8	25.0	12.5	6.5	0.8	32.0	17.0	9.0	0.8	32.0	21.5	12.5	0.8
0.82	19.0	11.0	6.0	0.8	25.0	13.0	7.0	0.8	32.0	18.0	9.5	0.8	32.0	22.5	13.5	0.8
1.00	19.0	12.0	6.5	0.8	25.0	14.0	7.5	0.8	32.0	19.0	10.0	0.8	32.0	24.0	15.0	0.8
1.20	19.0	13.0	7.0	0.8	25.0	15.0	8.0	0.8	32.0	20.5	11.5	0.8	47.0	22.0	12.0	0.8
1.50	25.0	13.0	7.0	0.8	32.0	16.0	8.5	0.8	32.0	22.0	13.0	0.8	47.0	24.0	14.0	0.8
1.80	25.0	14.0	7.5	0.8	32.0	17.0	9.0	0.8	32.0	24.5	15.5	0.8	47.0	25.0	15.0	0.8
2.20	25.0	15.0	8.0	0.8	32.0	18.0	9.5	0.8	32.0	26.0	17.0	0.8	47.0	26.5	16.5	0.8
2.70	25.0	15.5	8.5	0.8	32.0	19.0	10.0	0.8	47.0	23.0	13.0	0.8	47.0	29.0	19.0	0.8
3.30	25.0	16.0	9.0	0.8	32.0	20.0	11.0	0.8	47.0	25.0	15.0	0.8	47.0	32.0	22.0	0.8
3.90	32.0	17.0	10.0	0.8	32.0	20.0	12.0	0.8	47.0	27.0	17.0	0.8	47.0	34.0	24.0	0.8
4.70	32.0	18.0	11.0	0.8	47.0	20.0	10.0	0.8	47.0	29.0	19.0	0.8	47.0	36.0	26.0	0.8
5.60	32.0	19.5	12.5	0.8	47.0	21.0	11.0	0.8	47.0	31.0	21.0	0.8				
6.80	32.0	21.0	14.0	0.8	47.0	22.0	12.0	0.8	47.0	33.0	23.0	0.8				
8.20	32.0	23.0	16.0	0.8	47.0	24.0	14.0	0.8	58.0	34.0	24.0	1.0				
10.0	47.0	20.0	11.0	0.8	47.0	25.0	15.0	0.8								
12.0	47.0	21.0	12.0	0.8	47.0	27.0	17.0	0.8								
15.0	47.0	23.0	14.0	0.8	47.0	29.0	19.0	0.8								
18.0	47.0	26.0	17.0	0.8	58.0	31.0	21.0	1.0								
20.0	47.0	28.0	18.0	0.8	58.0	32.0	22.0	1.0								
22.0	47.0	29.0	19.0	0.8	58.0	33.0	23.0	1.0								
25.0	47.0	30.0	20.0	0.8	58.0	35.0	25.0	1.0								
27.0	47.0	31.0	21.0	0.8	58.0	36.0	26.0	1.0								
30.0	47.0	33.0	23.0	0.8	58.0	38.0	28.0	1.0								