

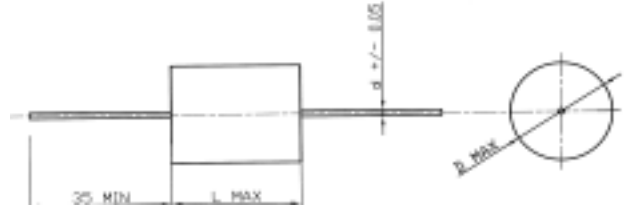
MET SERIES

Metallized Polyester Film Capacitor(Axial Lead)(Tubular)

MET are non-inductively wound with metallized polyester 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: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (Full rated voltage at 85°C - Derate linearly to 50% - Rated voltage at 125°C)
2. CAPACITANCE RANGE: $0.022 \mu\text{F} - 30 \mu\text{F}$
3. CAPACITANCE TOLERANCE: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0% max. at 1KHz, 25°C
6. DIELECTRIC STRENGTH: 150% rated voltage in 1 minutes
7. INSULATION RESISTANCE: $>10,000 \text{ M}\Omega (C \leq 0.33 \mu\text{F})$, $>5,000 \text{ M}\Omega \cdot \mu\text{F/C} (C > 0.33 \mu\text{F})$.

Unit : mm

RV SIZE CAP (uF)	100 VDC			250 VDC			400 VDC			630 VDC			1000 VDC		
	D max.	L max.	d ϕ ± 0.05	D max.	L max.	d ϕ ± 0.05	D max.	L max.	d ϕ ± 0.05	D max.	L Max.	d ϕ ± 0.05	D max.	L max.	d ϕ ± 0.05
0.022	5.0	10.5	0.6	5.5	14.0	0.6	5.5	14.0	0.6	6.5	14.0	0.6	9.0	19.0	0.8
0.027	5.0	10.5	0.6	5.5	14.0	0.6	6.0	14.0	0.6	6.5	14.0	0.6	10.0	19.0	0.8
0.033	5.0	10.5	0.6	5.5	14.0	0.6	6.0	14.0	0.6	6.5	19.0	0.8	10.0	19.0	0.8
0.039	5.0	10.5	0.6	5.5	14.0	0.6	6.5	14.0	0.6	7.0	19.0	0.8	10.5	25.0	0.8
0.047	5.0	10.5	0.6	5.5	14.0	0.6	7.0	14.0	0.6	7.5	19.0	0.8	10.5	25.0	0.8
0.056	5.0	10.5	0.6	5.5	14.0	0.6	7.5	14.0	0.6	8.0	19.0	0.8	11.0	25.0	0.8
0.068	5.0	10.5	0.6	5.5	14.0	0.6	6.5	19.0	0.8	8.5	19.0	0.8	11.5	25.0	0.8
0.082	5.5	10.5	0.6	5.5	14.0	0.6	7.0	19.0	0.8	8.0	25.0	0.8	11.5	32.0	0.8
0.10	5.5	10.5	0.6	6.0	14.0	0.6	7.5	19.0	0.8	9.0	25.0	0.8	12.0	32.0	0.8
0.12	6.0	10.5	0.6	6.5	14.0	0.6	8.0	19.0	0.8	10.0	25.0	0.8	13.0	32.0	0.8
0.15	6.5	10.5	0.6	6.5	14.0	0.6	8.5	19.0	0.8	10.5	25.0	0.8	14.0	32.0	0.8
0.18	6.0	14.0	0.6	7.0	19.0	0.8	9.0	19.0	0.8	11.0	25.0	0.8	15.0	32.0	0.8
0.22	6.0	14.0	0.6	7.0	19.0	0.8	10.0	19.0	0.8	12.0	25.0	0.8	16.0	32.0	0.8
0.27	6.5	14.0	0.6	7.5	19.0	0.8	9.5	25.0	0.8	11.0	32.0	0.8	17.0	32.0	0.8
0.33	7.0	14.0	0.6	8.0	19.0	0.8	10.0	25.0	0.8	12.0	32.0	0.8	17.0	47.0	0.8
0.39	7.5	14.0	0.6	8.5	19.0	0.8	11.0	25.0	0.8	12.5	32.0	0.8	18.0	47.0	0.8
0.47	8.0	14.0	0.6	9.0	19.0	0.8	11.5	25.0	0.8	13.5	32.0	0.8	19.0	47.0	0.8
0.56	7.5	19.0	0.8	8.5	25.0	0.8	12.5	25.0	0.8	14.5	32.0	0.8	20.0	47.0	0.8
0.68	8.0	19.0	0.8	9.0	25.0	0.8	12.0	32.0	0.8	15.5	32.0	0.8	22.0	47.0	0.8
0.82	8.5	19.0	0.8	10.0	25.0	0.8	13.0	32.0	0.8	17.0	32.0	0.8	24.0	47.0	0.8
1.0	9.0	19.0	0.8	10.5	25.0	0.8	14.0	32.0	0.8	19.0	32.0	0.8	26.0	47.0	0.8
1.2	10.0	19.0	0.8	11.0	25.0	0.8	16.5	32.0	0.8	17.5	47.0	0.8			
1.5	10.0	25.0	0.8	12.0	32.0	0.8	18.0	32.0	0.8	19.0	47.0	0.8			
1.8	11.0	25.0	0.8	12.5	32.0	0.8	19.0	32.0	0.8	21.0	47.0	0.8			
2.2	12.0	25.0	0.8	13.0	32.0	0.8	20.0	32.0	0.8	23.0	47.0	0.8			
2.7	13.0	25.0	0.8	14.5	32.0	0.8	19.0	47.0	0.8	25.0	47.0	0.8			
3.3	14.0	25.0	0.8	15.5	32.0	0.8	20.0	47.0	0.8	27.0	47.0	0.8			
3.9	13.0	32.0	0.8	17.0	32.0	0.8	21.5	47.0	0.8	29.0	47.0	0.8			
4.7	13.5	32.0	0.8	15.0	47.0	0.8	23.0	47.0	0.8	31.0	47.0	0.8			
5.6	14.5	32.0	0.8	16.0	47.0	0.8	24.5	47.0	0.8						
6.8	16.0	32.0	0.8	17.5	47.0	0.8	26.0	47.0	0.8						
8.2	17.0	32.0	0.8	19.0	47.0	0.8									
10.0	18.0	47.0	0.8	21.0	47.0	0.8									
12.0	19.5	47.0	0.8	23.0	47.0	0.8									
15.0	21.0	47.0	0.8	25.0	47.0	0.8									
18.0	22.5	47.0	0.8	26.0	58.0	1.0									
22.0	25.0	47.0	0.8	29.0	58.0	1.0									
27.0	27.0	47.0	0.8	32.0	58.0	1.0									
30.0	29.0	47.0	0.8	34.0	58.0	1.0									