HITANO
ENTERPRISE CORP. ®

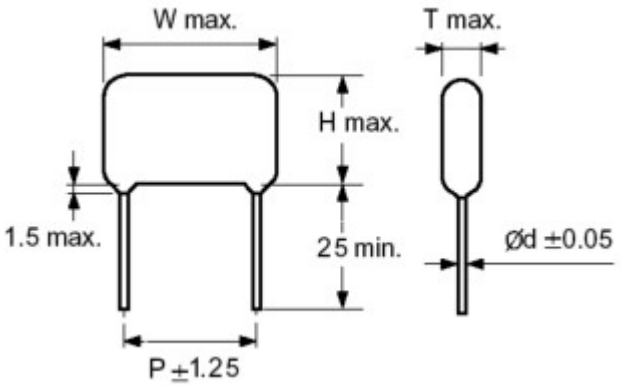
MER SERIES

Metallized Polyester Film Capacitor

MER are non-inductively wound with Metallized Polyester film as dielectric and electrode with copper-clad leads and epoxy resin coating.

FEATURES

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



SPECIFICATIONS

1. OPERATING TEMPERATURE: -40℃ -- +85℃
2. CAPACITANCE RANGE: 0.01μF -- 10μF
3. CAPACITANCE TOLERANCE: ±5%(J), ±10%(K)
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 1.0% max. at 1KHz, 25℃
6. INSULATION RESISTANCE: >9,000 MΩ(C≤0.33μF). >3,000 MΩ˙μF/C (C>0.33μF)

Unit：:mm

RV / SIZE / CAP(uF)	100VDC					250VDC					400 VDC					630 VDC				
	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05
0.001																13.0	10.0	5.5	10.0	0.6
0.0022																13.0	10.0	5.5	10.0	0.6
0.0033																13.0	10.0	5.5	10.0	0.6
0.0047																13.0	10.0	5.5	10.0	0.6
0.0068																13.0	10.0	5.5	10.0	0.6
0.01	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6
0.015	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.0	6.5	10.0	0.6
0.022	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.0	6.5	10.0	0.6
0.033	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.0	6.5	10.0	0.6	13.0	12.0	7.0	10.0	0.6
0.047	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0	11.5	7.0	10.0	0.6	18.0	10.0	6.0	15.0	0.8
0.068	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0 18.0	10.5 10.5	6.0 6.0	10.0 15.0	0.6 0.8	18.0	14.0	8.0	15.0	0.8
0.082	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	18.0	10.5	6.0	15.0	0.8	18.0	14.0	8.0	15.0	0.8
0.1	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	13.0 18.0	13.5 11.5	8.5 6.5	10.0 15.0	0.6 0.8	18.0	15.0	9.5	15.0	0.8
0.12	13.0	10.0	5.5	10.0	0.6	13.0	10.0	5.5	10.0	0.6	18.0	11.5	6.5	15.0	0.8	18.0	15.0	9.5	15.0	0.8
0.15	13.0	12.5	8.0	10.0	0.6	13.0	12.5	8.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8	24.0	14.0	9.0	20.0	0.8
0.22	13.0	12.5	8.0	10.0	0.6	13.0 18.0	12.0 13.0	7.0 7.0	10.0 15.0	0.6 0.8	18.0	15.0	9.5	15.0	0.8	24.0	16.5	10.5	20.0	0.8
0.33	13.0	12.5	8.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8	18.0 23.0	16.5 14.0	10.0 8.0	15.0 20.0	0.8 0.8	30.0	17.5	11.0	27.5	0.8
0.47	13.0 18.0	12.5 12.5	7.0 7.0	10.0 15.0	0.6 0.8	18.0	16.0	9.5	15.0	0.8	24.0	17.5	10.5	20.0	0.8	30.0	22.5	12.5	27.5	0.8
0.68	18.0	13.5	8.0	15.0	0.8	18.0 24.0	16.0 14.0	9.5 9.5	15.0 20.0	0.8 0.8	30.0	17.5	10.5	27.5	0.8	30.0	23.5	14.0	27.5	0.8
0.82	18.0	13.5	8.0	15.0	0.8	24.0	14.0	9.5	20.0	0.8	30.0	17.5	10.5	27.5	0.8	30.0	23.5	14.0	27.5	0.8
1.0	18.0	16.5	9.5	15.0	0.8	18.0 24.0	16.0 18.0	13.0 10.5	15.0 20.0	0.8 0.8	30.0	21.5	12.0	27.5	0.8	30.0	23.5	14.0	27.5	0.8
1.5	24.0	19.0	15.5	20.0	0.8	24.0 30.0	21.0 23.0	14.0 13.5	20.0 27.5	0.8 0.8	30.0	24.0	14.0	27.5	0.8					
2.2	24.0	21.0	12.5	20.0	0.8	26.0 30.0	24.0 23.0	14.0 13.5	20.0 27.5	0.8 0.8	30.0	26.0	16.0	27.5	0.8					
3.3	24.0	22.0	13.0	20.0	0.8	30.0	24.0	16.5	27.5	0.8	29.0 35.0	22.5 30.0	15.5 23.0	27.5 31.0	0.8					
4.7	30.0	23.5	14.0	27.5	0.8	35.0	23.0	15.0	31.0	0.8										
6.8	30.0	24.0	15.5	27.5	0.8															
10.0	30.0	26.0	21.5	27.5	0.8															