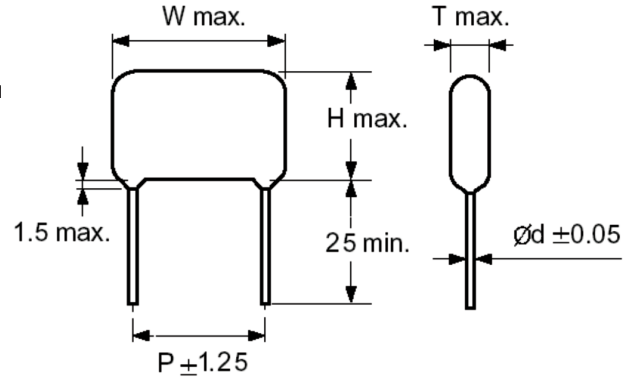


## Metallized Polyester Film Capacitor

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

- Operating Temperature: -40°C +85°C
- Capacitance Range: 0.001  $\mu$ F 10  $\mu$ F
- Capacitance Tolerance:  $\pm$ 5%(J),  $\pm$ 10%(K)
- Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC
- Dissipation Factor: 1.0% Max. At 1KHz, 20°C
- Insulation Resistance: >30,000 M (C  $\leq$  0.33  $\mu$ F).  
>10,000 M  $\mu$ F/C (C > 0.33  $\mu$ F)

Unit:mm

RV SIZE CAP( $\mu$ F)	100VDC					250VDC					400VDC					630VDC					
	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	
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	10.5	6.0	10.0	0.6	18.0	10.5	6.0	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	13.5	8.5	10.0	0.6	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	12.0	7.0	10.0	0.6	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	16.5	10.0	15.0	0.8	30.0	17.5	11.0	27.5	0.8	
0.47	13.0	12.5	7.0	10.0	0.6	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	16.0	9.5	15.0	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	16.0	13.0	15.0	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	21.0	14.0	20.0	0.8	30.0	24.0	14.0	27.5	0.8						
2.2	24.0	21.0	12.5	20.0	0.8	30.0	23.0	13.5	27.5	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	22.5	15.5	27.5	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																



# HITANO ENTERPRISE CORP.

7F-7, NO. 3, WU-CHUAN 1ST ROAD, WU-KU INDUSTRIAL PARK,

HSIN CHUNG CITY, TAIPEI HSIEN, TAIWAN, R.O.C.

TEL : 886-2-2299-1331, FAX : 886-2-2298-2466, 2298-2969

## FILM CAPACITORS

Part No. Designation:

MER	104	K	2E	B	A
SERIES	CAPACITANCE	TOL.	W.V.	Package//Lead Style	Extra Code for Size & Pitch & Lead length
	IN 3DIGITS	J= $\pm$ 5%	1H=50V	B = Bulk	A = Smaller Size
	332=0.0033uF	K= $\pm$ 10%	1J=63V	A = T/BOX	Omit if one size
	104= 0.1 uF	M= $\pm$ 20%	2A=100V	R = T/REEL	T5 = 5mm Pitch On Tape
	474=0.47uF		2E=250V	F5 = 5mm Lead Space After Forming	T7.5 = 7.5mm Pitch On Tape
	105= 1 uF		2G=400V	C = Lead Cut	5 = 5mm Lead Length After Cut
	225= 2.2 uF		2J=630V		
	106= 10 uF		3A=1000V		
			3C=1600V		
			3D=2000V		