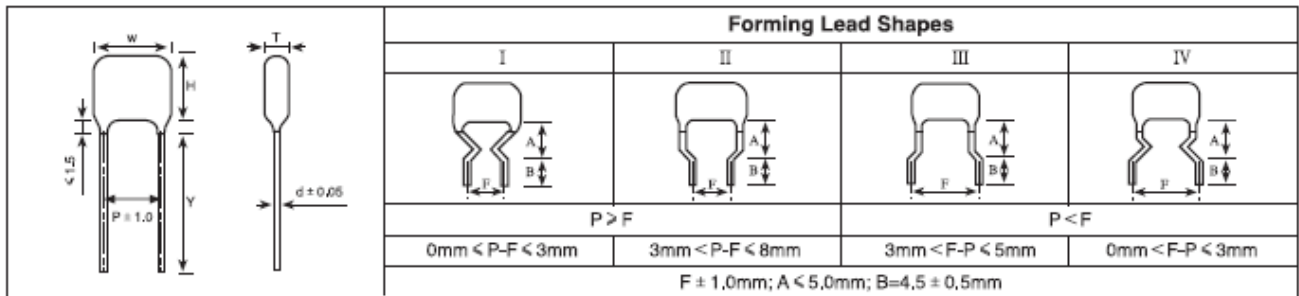




Metallized Polyester film Capacitor MER



● Features and applications:

1. Metallized polyester film non-inductive winding.
2. Coated with flame retardant epoxy.
3. Small size, high reliability and stability of capacitance, self-healing property.
4. For the DC and pulse circuit, widely used in electrical and industrial equipment for filtering blocking, noise suppressor, by-pass and coupling etc.

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB7332 (IEC60384-2)		
气候类别 Climatic Category	40/125/21		
额定温度 Rate Temperature	85°C		
工作温度范围 Operating Temperature Range	-40~125°C (+85°C to +125°C: decreasing factor 1.25% per °C for V_R (DC))		
额定电压 Rated Voltage	100V、250V、400V、630V		
电容量范围 Capacitance Range	0.01 μ F ~ 10 μ F		
电容量偏 Capacitance Tolerance	$\pm 5\%$ (J); $\pm 10\%$ (K); $\pm 20\%$ (M) (1kHz)		
耐电压 Voltage Proof	1.6 U_R (5S)		
损耗角正切 Dissipation Factor	$\leq 10 \times 10^{-3}$ (20°C; 1kHz)		
绝缘电阻 Insulation Resistance	$U_R > 100V$	$C_R \leq 0.33 \mu F \geq 7500 M\Omega$ $C_R > 0.33 \mu F \geq 5000 S$	20°C, 100VDC, 1min
	$U_R \leq 100V$	$C_R \leq 0.33 \mu F \geq 3750 M\Omega$ $C_R > 0.33 \mu F \geq 1250 S$	20°C, 10VDC, 1min



■ 外形尺寸 Dimensions (mm)

电容量 μF	100VDC/63VAC					250VDC/160VAC				
	Wmax	Hmax	Tmax	P ± 1.0	d ± 0.05	Wmax	Hmax	Tmax	P ± 1.0	d ± 0.05
0.010	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.015	12	9	5	10	0.6	12	9	5	10	0.6
0.022	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.033	12	9	5	10	0.6	12	9	5	10	0.6
0.047	12	9	5	10	0.6	12	9	5	10	0.6
0.068	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.1	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.15	12	8	4.5	10	0.6	12	9.5	6	10	0.6
0.22	12	9	5	10	0.8	12	11	6	10	0.6
0.33	12	10	6	10	0.8	17	10.5	5.5	15	0.8
0.47	12	12	7.5	10	0.8	17	12	6.5	15	0.8
0.68	17	11	6.5	15	0.8	17	13.5	8	15	0.8
1.0	17	12	7	15	0.8	17	16	8.5	15	0.8
1.5	17	14	9	15	0.8	22	16	8.5	20	0.8
2.2	22	15	8.5	20	0.8	22	19	9	20	0.8
3.3	22	16.5	10	20	0.8	29	19	10.5	27.5	0.8
4.7	22	19	12	20	0.8	29	21	12.5	27.5	0.8
6.8	29	20	13	27.5	0.8					
10	29	23	17.5	27.5	0.8					



聚脂膜电容器
Polyester Film Capacitor

电容量 μF	400VDC/200VAC					630VDC/220VAC				
	Wmax	Hmax	Tmax	d ± 0.05	P ± 1.0	Wmax	Hmax	Tmax	d ± 0.05	P ± 1.0
0.010	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.015	12	9	5	10	0.6	12	9	5	10	0.6
0.022	12	8	4.5	10	0.6	12	8	4.5	10	0.6
0.033	12	9	5	10	0.6	12	9	5	10	0.6
0.047	12	9	5	10	0.6	12	10	6	10	0.6
0.068	12	9	5	10	0.6	12	11	7	10	0.8
0.1	12	11	6	10	0.6	17	11	6	15	0.8
0.15	12	11	7	10	0.6	17	12	7	15	0.8
0.22	17	10	6	15	0.8	17	14	8.5	15	0.8
0.33	17	12	7.5	15	0.8	17	15	9	15	0.8
0.47	17	14	7.5	15	0.8	22	16	9	20	0.8
0.68	17	16.5	8.5	15	0.8	22	18	11	20	0.8
1.0	22	16.5	8.5	20	0.8	22	20	13	20	0.8
1.5	22	19	10.5	20	0.8	29	21	12.5	27.5	0.8
2.2	29	19	10	27.5	0.8	29	24	15.5	27.5	0.8
3.3	29	21.5	13	27.5	0.8	29	28	19	27.5	0.8
4.7	29	24.5	16	27.5	0.8					

Remark: Special needs can be designed according to customer requirements