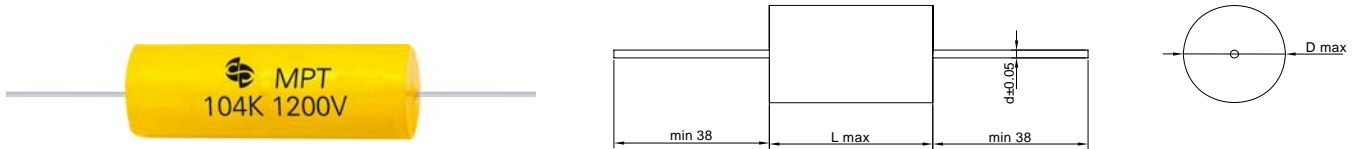




Axial type Metallized Polypropylene film Capacitor MPT



● Features and applications:

1. Excellent damp proof and high impedance
2. Excellent stability of capacitance
3. Self-healing property
4. Widely used in TV, radio, power and audio frequency divide circuit, all kinds of DC and pulse circuit.

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB 10190 (IEC60384-16)		
气候类别 Climatic Category	40/105/21		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-40~105℃ (+85℃to +105℃: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~82 μ F		
电容量偏 Capacitance Tolerance	±5%(J); ±10%(K) (1kHz)		
耐电压 Voltage Proof	1.6U _R (5S)		
损耗角正切 Dissipation Factor	≤10×10 ⁻⁴ (20℃ ; 1kHz)		
绝缘电阻 Insulation Resistance	U _R > 100V	C _R ≤ 0.33 μF ≥ 100GΩ C _R > 0.33 μF ≥ 30000 S	20℃, 100VDC, 1min



■ 外形尺寸 Dimensions (mm)

电容量 μF	100VDC			250 VDC		
	Dmax	Lmax	d ± 0.05	Dmax	Lmax	d ± 0.05
0.01	5	14	0.6	5	14	0.6
0.022	7	14	0.6	7	14	0.6
0.033	7	14	0.6	7	14	0.6
0.047	7	14	0.6	7	14	0.6
0.068	7.5	14	0.6	7.5	14	0.6
0.1	6	19	0.6	6	19	0.6
0.22	6.5	19	0.6	7.5	19	0.6
0.33	7	19	0.6	9	19	0.6
0.47	8.5	19	0.6	9	25	0.6
0.68	9.5	19	0.6	10	25	0.8
1.0	9.5	25	0.6	10.5	31	0.8
2.2	11.5	31	0.8	15	31	0.8
3.3	13	31	0.8	17	31	0.8
4.0	15	31	0.8	19	31	0.8
4.7	16	31	0.8	20	31	0.8
5.6	17.5	31	0.8	21.5	31	0.8
6.8	19.5	31	0.8	23	31	0.8
8.2	17	46	0.8	21	46	0.8
10.0	18.5	46	0.8	23	46	0.8
15.0	22.5	46	0.8	24.5	56	0.8
22.0	24	56	0.8	28.5	61	1.0
30.0	28.5	56	1.0	32	61	1.0
33.0	29.5	56	1.0	34	61	1.0
35.0	40.5	56	1.0			
68.0	41	56	1.0			
82.0	41.5	61	1.0			



聚丙烯膜电容器
Polypropylene Film Capacitor

电容量 μF	400VDC			630 VDC		
	Dmax	Lmax	d ± 0.05	Dmax	Lmax	d ± 0.05
0.01	5	14	0.6	6	14	0.6
0.022	7	14	0.6	8	14	0.6
0.033	7	14	0.6	9	14	0.6
0.047	7	14	0.6	10.5	14	0.8
0.068	10.5	19	0.8	9.5	19	0.6
0.1	8	25	0.6	10	25	0.8
0.22	9.5	25	0.6	13	25	0.8
0.33	11	25	0.8	16	25	0.8
0.47	13	25	0.8	19	25	0.8
0.68	15	31	0.8	19	36	0.8
1.0	16	36	0.8	19.5	46	0.8
2.2	20	46	0.8	23	56	0.8
3.3	21	46	0.8	28	56	1.0
4.0	23	46	0.8	30.5	56	1.0
4.7	25	46	0.8	33.5	56	1.0
5.6	27	46	1.0	36	56	1.0
6.8	30	46	1.0	40	56	1.0
8.2	32.5	46	1.0	43	56	1.0
10.0	32	56	1.0	43	66	1.0
15.0	41	56	1.0			
22.0						
30.0						
33.0						
35.0						
68.0						
82.0						

Remark: Special needs can be designed according to customer requirements