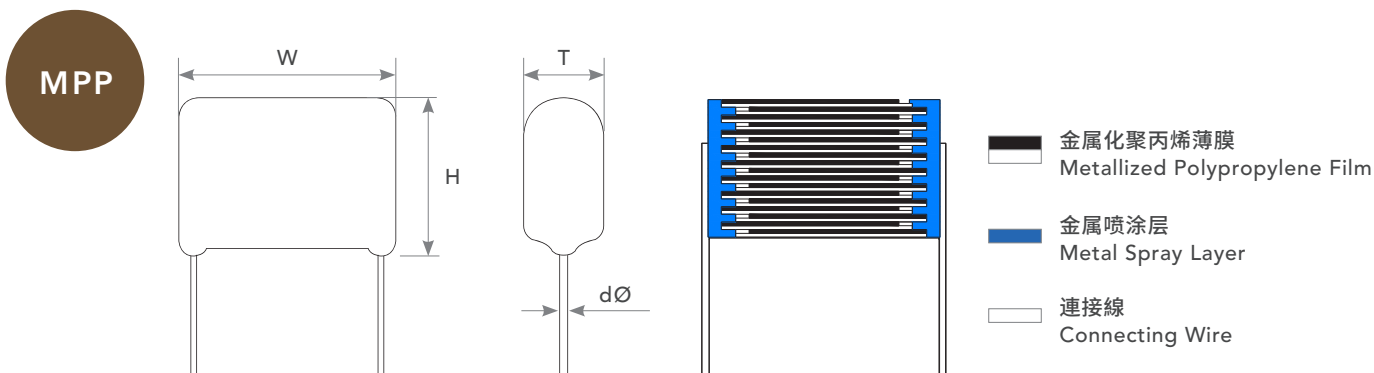


金属化聚丙烯薄膜电容器(MPP) METALLIZED POLYPROPYLENE FILM CAPACITOR-RADIAL (MPP)



结构 Construction:

- 电介质: 金属化聚丙烯薄膜
Dielectric: Metallized Polypropylene Film
- 绕卷: 无感式
Winding: non-inductive type
- 导线: 镀锡线
Leads: Tinned Wire
- 外部涂层: 阻燃环氧树脂
Outer Coating: Flame retarding epoxy resin

特点 Feature:

- 高频下低损耗
Low Dissipation Factor at high frequency
- 高稳定容量&损耗
High stability of capacitance & DF
- 良好的自愈性
Self-healing property
- 高绝缘阻抗
High insulation resistance

推荐应用 Recommended Application:

- 主要用于电视机S-校正
Typical for S-correction in TV-set
- 开关电源电路
Switching power supply circuits
- 电子镇流器电路
Electronic ballast circuits
- 录影机
Video tape recorder

电气特性 Electrical Characteristics:

引用标准 Related Documents	IEC 60384-16					
额定电压 Rated Voltage	100VDC, 250VDC, 400VDC, 630VDC					
额定温度 Rated Temperature	-40°C ~ +85°C					
最大运行温度 Usable Upper Category Temperature	+110°C (Derating ratio of rated voltage to +85°C ~ +110°C: 1.5% per °C for Rated Voltage)					
容量范围 Capacitance Range	0.01 μF ~ 3.3 μF					
容量误差 Capacitance Tolerance	±3% (H), ±5% (J), ±10% (K)					
损耗角正切 Dissipation Factor	KHz	C ≤ 0.1 μF	0.1 < C ≤ 1.0 μF	1.0 < C ≤ 3.0 μF	3.0 < C ≤ 5.0 μF	5.0 < C ≤ 10 μF
	1	≤ 0.10 %	≤ 0.10 %	≤ 0.10 %	≤ 0.10 %	≤ 0.10 %
	100	≤ 0.40 %	≤ 0.70 %	≤ 1.20 %	≤ 1.80 %	≤ 2.80 %

绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C±5°C), Voltage charge time : 1 minute. Voltage charge : 100VDC. ≥ 30000MΩ for C ≤ 0.33μF, ≥ 10000MΩ×μF for C > 0.33μF					
耐压 Withstand Voltage	Terminal to Terminal: (at 20°C±5°C) 1.6 × V _R applied for 2sec. (cut off current 10mA)					
额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch V _R	7.5 mm	10 mm	15 mm	22.5 mm	27.5 mm
	100VDC	130	110	100	70	50
	250VDC	240	220	200	130	100
	400VDC	-----	350	300	200	150
	630VDC	-----	420	400	250	180

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	100VDC / 63VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.047	10.5	7.5	4.0	7.5	0.6	MPP-473*0100DB*07*
0.056	10.5	8.0	4.0	7.5	0.6	MPP-563*0100DB*07*
0.068	10.5	9.0	4.5	7.5	0.6	MPP-683*0100DB*07*
0.082	10.5	9.5	4.5	7.5	0.6	MPP-823*0100DB*07*
0.1	10.5	10.0	5.0	7.5	0.6	MPP-104*0100DB*07*
0.12	10.5	10.0	5.5	7.5	0.6	MPP-124*0100DB*07*
0.15	10.5	11.0	6.0	7.5	0.6	MPP-154*0100DB*07*
0.18	10.5	11.5	6.5	7.5	0.6	MPP-184*0100DB*07*
0.22	13.0	11.5	6.0	10.0	0.6	MPP-224*0100DB*10*
0.27	13.0	12.0	6.5	10.0	0.6	MPP-274*0100DB*10*
0.33	13.0	13.0	7.0	10.0	0.6	MPP-334*0100DB*10*
0.39	13.0	13.5	7.5	10.0	0.6	MPP-394*0100DB*10*
0.47	13.0	14.0	8.5	10.0	0.6	MPP-474*0100DB*10*
0.56	18.0	14.0	7.0	15.0	0.8	MPP-564*0100DB*15*
0.68	18.0	15.0	7.5	15.0	0.8	MPP-684*0100DB*15*
0.82	18.0	15.5	8.0	15.0	0.8	MPP-824*0100DB*15*
1.0	18.0	16.5	9.0	15.0	0.8	MPP-105*0100DB*15*
1.2	18.0	17.5	10.0	15.0	0.8	MPP-125*0100DB*15*

R.V.	100VDC / 63VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
1.5	18.0	18.5	11.5	15.0	0.8	MPP-155*0100DB*15*
1.8	25.5	18.0	9.0	22.5	0.8	MPP-185*0100DB*22*
2.2	25.5	19.0	10.0	22.5	0.8	MPP-225*0100DB*22*
2.7	25.5	20.0	11.5	22.5	0.8	MPP-275*0100DB*22*
3.3	25.5	24.5	15.5	22.5	0.8	MPP-335*0100DB*22*

* 最大尺寸 Maximum dimensions (mm): W max = W+0.2

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	250VDC / 160VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.022	10.5	7.5	4.0	7.5	0.6	MPP-223*0250DB*07*
0.027	10.5	8.0	4.0	7.5	0.6	MPP-273*0250DB*07*
0.033	10.5	8.5	4.5	7.5	0.6	MPP-333*0250DB*07*
0.039	10.5	9.0	4.5	7.5	0.6	MPP-393*0250DB*07*
0.047	10.5	10.0	4.5	7.5	0.6	MPP-473*0250DB*07*
0.056	10.5	10.5	5.0	7.5	0.6	MPP-563*0250DB*07*
0.068	10.5	11.0	5.5	7.5	0.6	MPP-683*0250DB*07*
0.082	10.5	11.5	6.0	7.5	0.6	MPP-823*0250DB*07*
0.1	10.5	12.0	6.5	7.5	0.6	MPP-104*0250DB*07*
0.12	13.0	11.5	6.0	10.0	0.6	MPP-124*0250DB*10*
0.15	13.0	12.0	6.5	10.0	0.6	MPP-154*0250DB*10*
0.18	13.0	12.5	7.0	10.0	0.6	MPP-184*0250DB*10*
0.22	13.0	13.0	7.5	10.0	0.6	MPP-224*0250DB*10*
0.27	18.0	13.0	6.0	15.0	0.8	MPP-274*0250DB*15*
0.33	18.0	14.0	6.5	15.0	0.8	MPP-334*0250DB*15*
0.39	18.0	14.5	7.0	15.0	0.8	MPP-394*0250DB*15*
0.47	18.0	15.0	8.0	15.0	0.8	MPP-474*0250DB*15*
0.56	18.0	16.0	8.5	15.0	0.8	MPP-564*0250DB*15*
0.68	18.0	17.0	9.5	15.0	0.8	MPP-684*0250DB*15*
0.82	18.0	18.5	10.0	15.0	0.8	MPP-824*0250DB*15*
1.0	18.0	20.0	11.0	15.0	0.8	MPP-105*0250DB*15*
1.2	25.5	18.0	9.0	22.5	0.8	MPP-125*0250DB*22*
1.5	25.5	19.5	10.5	22.5	0.8	MPP-155*0250DB*22*
1.8	25.5	20.5	11.5	22.5	0.8	MPP-185*0250DB*22*
2.2	25.5	22.0	13.0	22.5	0.8	MPP-225*0250DB*22*
2.7	25.5	23.5	14.5	22.5	0.8	MPP-275*0250DB*22*
3.3	25.5	25.0	16.0	22.5	0.8	MPP-335*0250DB*22*

R.V.	400VDC / 200VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	10.5	7.5	4.0	7.5	0.6	MPP-103*0400DB*07*
0.012	10.5	8.5	4.0	7.5	0.6	MPP-123*0400DB*07*
0.015	10.5	9.0	4.5	7.5	0.6	MPP-153*0400DB*07*
0.018	10.5	9.5	4.5	7.5	0.6	MPP-183*0400DB*07*
0.022	10.5	10.0	5.0	7.5	0.6	MPP-223*0400DB*07*
0.027	10.5	10.5	5.5	7.5	0.6	MPP-273*0400DB*07*
0.033	10.5	11.0	6.0	7.5	0.6	MPP-333*0400DB*07*
0.039	13.0	11.0	5.5	10.0	0.6	MPP-393*0400DB*10*
0.047	13.0	11.0	5.5	10.0	0.6	MPP-473*0400DB*10*
0.056	13.0	11.5	6.0	10.0	0.6	MPP-563*0400DB*10*
0.068	13.0	12.5	6.5	10.0	0.6	MPP-683*0400DB*10*
0.082	13.0	13.0	7.0	10.0	0.6	MPP-823*0400DB*10*
0.1	13.0	13.5	8.0	10.0	0.6	MPP-104*0400DB*10*
0.12	18.0	12.0	6.0	15.0	0.8	MPP-124*0400DB*15*
0.15	18.0	12.5	7.0	15.0	0.8	MPP-154*0400DB*15*
0.18	18.0	13.5	8.5	15.0	0.8	MPP-184*0400DB*15*
0.22	18.0	15.0	8.0	15.0	0.8	MPP-224*0400DB*15*
0.27	18.0	16.0	8.5	15.0	0.8	MPP-274*0400DB*15*
0.33	18.0	17.0	9.5	15.0	0.8	MPP-334*0400DB*15*
0.39	18.0	18.0	10.5	15.0	0.8	MPP-394*0400DB*15*
0.47	25.5	16.0	9.0	22.5	0.8	MPP-474*0400DB*22*
0.56	25.5	17.0	10.0	22.5	0.8	MPP-564*0400DB*22*
0.68	25.5	18.0	11.0	22.5	0.8	MPP-684*0400DB*22*
0.82	25.5	20.0	11.0	22.5	0.8	MPP-824*0400DB*22*
1.0	25.5	21.5	12.5	22.5	0.8	MPP-105*0400DB*22*
1.2	25.5	23.0	14.0	22.5	0.8	MPP-125*0400DB*22*
1.5	25.5	24.5	15.5	22.5	0.8	MPP-155*0400DB*22*

* 最大尺寸 Maximum dimensions (mm): W max = W+0.2

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	630VDC / 220VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	10.5	9.0	5.5	7.5	0.6	MPP-103*0630DB*07*
0.012	10.5	9.5	6.0	7.5	0.6	MPP-123*0630DB*07*
0.015	10.5	10.5	6.0	7.5	0.6	MPP-153*0630DB*07*
0.018	10.5	11.0	6.5	7.5	0.6	MPP-183*0630DB*07*
0.022	13.0	10.0	6.0	10.0	0.6	MPP-223*0630DB*10*
0.027	13.0	11.0	6.5	10.0	0.6	MPP-273*0630DB*10*
0.033	13.0	11.5	7.0	10.0	0.6	MPP-333*0630DB*10*
0.039	13.0	12.0	8.0	10.0	0.6	MPP-393*0630DB*10*
0.047	13.0	13.0	8.0	10.0	0.6	MPP-473*0630DB*10*
0.056	13.0	14.0	9.0	10.0	0.6	MPP-563*0630DB*10*
0.068	18.0	12.5	7.0	15.0	0.8	MPP-683*0630DB*15*
0.082	18.0	13.0	7.5	15.0	0.8	MPP-823*0630DB*15*
0.1	18.0	14.0	8.0	15.0	0.8	MPP-104*0630DB*15*

R.V.	630VDC / 220VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.12	18.0	15.5	8.0	15.0	0.8	MPP-124*0630DB*15*
0.15	18.0	16.5	9.0	15.0	0.8	MPP-154*0630DB*15*
0.18	18.0	17.5	10.0	15.0	0.8	MPP-184*0630DB*15*
0.22	18.0	18.5	11.5	15.0	0.8	MPP-224*0630DB*15*
0.27	25.5	18.0	9.0	22.5	0.8	MPP-274*0630DB*22*
0.33	25.5	19.0	10.0	22.5	0.8	MPP-334*0630DB*22*
0.39	25.5	20.0	11.0	22.5	0.8	MPP-394*0630DB*22*
0.47	25.5	21.0	12.0	22.5	0.8	MPP-474*0630DB*22*
0.56	25.5	22.5	13.5	22.5	0.8	MPP-564*0630DB*22*
0.68	25.5	24.0	15.0	22.5	0.8	MPP-684*0630DB*22*
0.82	25.5	25.5	16.5	22.5	0.8	MPP-824*0630DB*22*
1.0	31.0	25.0	16.0	27.5	0.8	MPP-105*0630DB*27*
1.2	31.0	27.0	18.0	27.5	0.8	MPP-125*0630DB*27*

* 最大尺寸 Maximum dimensions (mm): W max = W+0.2