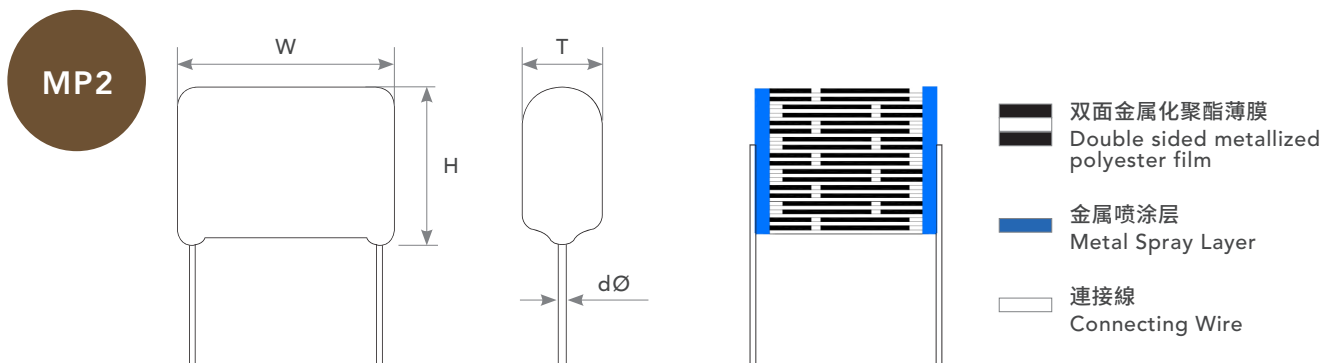


## 金属化聚丙烯薄膜电容器(MP2) METALLIZED POLYPROPYLENE FILM CAPACITOR-RADIAL(MP2)



### 结构 Construction:

- 电介质: 金属化聚丙烯薄膜  
Dielectric: Metallized Polypropylene Film
- 电极: 双面金属化聚酯薄膜  
Electrodes: Double sided metallized polyester film
- 绕卷: 无感式&内部串联连接  
Winding: non-inductive type internal series connection
- 导线: 镀锡线  
Leads: Tinned Wire
- 外部涂层: 阻燃环氧树脂  
Outer coating: Flame retardant epoxy resin

### 特点 Feature:

- 高频下低损耗  
Low Dissipation Factor at high frequency
- 优良电晕电压  
Excellent corona voltage
- 非常高脉冲强度  
Very high pulse strength

### 推荐应用 Recommended Application:

- 电子照明(镇流器和汽车前照灯)  
Electronic lighting (ballast & car headlamp)
- 开关电源电路  
Switching power supply circuits
- 高交流电压和高电流脉冲应用  
Pulse applications with high AC voltage and high Current

### 电气特性 Electrical Characteristics:

引用标准 Related Documents	IEC 60384-17
额定电压 Rated Voltage	300VAC (800VDC), 400VAC (1200VDC), 500VAC (1600VDC), 700VAC (2000VDC), 900VAC (2200VDC)
额定温度 Rated Temperature	~+85°C for V <sub>R</sub> (DC), ~+105°C for V <sub>R</sub> (AC)
最大运行温度 Usable Upper Category Temperature	+110°C Derating ratio of rated voltage V <sub>R</sub> (DC) to +85°C~+110°C: 1.25% per °C for Rated Voltage V <sub>R</sub> (DC) Derating ratio of rated voltage V <sub>R</sub> (AC) to +105°C~+110°C: 1.25% per °C for Rated Voltage V <sub>R</sub> (AC)
容量范围 Capacitance Range	0.001μF ~ 0.1μF
容量误差 Capacitance Tolerance	±2% (G), ±3% (H), ±5% (J)
损耗角正切 Dissipation Factor	0.05% at 1Khz (C ≤ 0.1 μF) 0.10% at 100Khz (C ≤ 0.1 μF)
绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C ± 5°C), ≥ 50000MΩ for C ≤ 0.1μF at 100VDC x 1 minute

耐压 Withstand Voltage	Terminal to Terminal: (at 20°C±5°C), 1.6 × V <sub>R</sub> applied for 2sec.						
额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch	V <sub>R</sub>	300 VAC	400 VAC	500 VAC	700 VAC	900 VAC
	15 mm		3000	3400	5000	9500	——
	22.5 mm		1500	2200	3000	5000	10000

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	300VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	18	10.5	4.5	15	0.8	MP2-103*0300AB*15*
0.012	18	10.5	5	15	0.8	MP2-123*0300AB*15*
0.015	18	11.5	5.5	15	0.8	MP2-153*0300AB*15*
0.018	18	12	6	15	0.8	MP2-183*0300AB*15*
0.022	18	12.5	7	15	0.8	MP2-223*0300AB*15*
0.027	18	13	7.5	15	0.8	MP2-273*0300AB*15*
0.033	18	14	8.5	15	0.8	MP2-333*0300AB*15*
0.039	18	15	9	15	0.8	MP2-393*0300AB*15*
0.047	18	15.5	10	15	0.8	MP2-473*0300AB*15*
0.056	18	15.5	10	15	0.8	MP2-563*0300AB*15*
0.068	26	16.5	8	22.5	0.8	MP2-683*0300AB*22*
0.082	26	17.5	8.5	22.5	0.8	MP2-823*0300AB*22*
0.1	26	18.5	9.5	22.5	0.8	MP2-104*0300AB*22*

R.V.	400VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	13	8	4	10	0.6	MP2-102*0400AB*10*
0.0012	13	8	4	10	0.6	MP2-122*0400AB*10*
0.0015	13	8.5	4.5	10	0.6	MP2-152*0400AB*10*
0.0018	13	10	4.5	10	0.6	MP2-182*0400AB*10*
0.0022	13	10.5	5	10	0.6	MP2-222*0400AB*10*
0.0027	13	10.5	5	10	0.6	MP2-272*0400AB*10*
0.0033	13	11	5.5	10	0.6	MP2-332*0400AB*10*
0.0039	13	12	6	10	0.6	MP2-392*0400AB*10*
0.0047	13	12.5	7	10	0.6	MP2-472*0400AB*10*
0.0056	13	13	7.5	10	0.6	MP2-562*0400AB*10*
0.0068	18	11	5	15	0.8	MP2-682*0400AB*15*
0.0082	18	11.5	5.5	15	0.8	MP2-822*0400AB*15*
0.01	18	12	6	15	0.8	MP2-103*0400AB*15*
0.012	18	12.5	6.5	15	0.8	MP2-123*0400AB*15*
0.015	18	13	7.5	15	0.8	MP2-153*0400AB*15*
0.018	18	14	8	15	0.8	MP2-183*0400AB*15*
0.022	18	15	9	15	0.8	MP2-223*0400AB*15*
0.027	18	16	10	15	0.8	MP2-273*0400AB*15*
0.033	26	15.5	7	22.5	0.8	MP2-333*0400AB*22*
0.039	26	16.5	7.5	22.5	0.8	MP2-393*0400AB*22*
0.047	26	17	8.5	22.5	0.8	MP2-473*0400AB*22*
0.056	26	18	9	22.5	0.8	MP2-563*0400AB*22*
0.068	26	19	10.5	22.5	0.8	MP2-683*0400AB*22*
0.082	26	19	10.5	22.5	0.8	MP2-823*0400AB*22*
0.1	26	20.5	11.5	22.5	0.8	MP2-104*0400AB*22*

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

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	500VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	18	10	4.5	15	0.8	MP2-102*0500AB*15*
0.0012	18	10.5	5	15	0.8	MP2-122*0500AB*15*
0.0015	18	10.5	5	15	0.8	MP2-152*0500AB*15*
0.0018	18	10.5	5	15	0.8	MP2-182*0500AB*15*
0.0022	18	10.5	5.5	15	0.8	MP2-222*0500AB*15*
0.0027	18	10.5	5.5	15	0.8	MP2-272*0500AB*15*
0.0033	18	11	5.5	15	0.8	MP2-332*0500AB*15*
0.0039	18	11	5.5	15	0.8	MP2-392*0500AB*15*
0.0047	18	11	5.5	15	0.8	MP2-472*0500AB*15*
0.0056	18	11.5	6	15	0.8	MP2-562*0500AB*15*
0.0068	18	12	6.5	15	0.8	MP2-682*0500AB*15*
0.0082	18	12.5	7	15	0.8	MP2-822*0500AB*15*
0.01	18	13.5	7.5	15	0.8	MP2-103*0500AB*15*
0.012	18	14	8.5	15	0.8	MP2-123*0500AB*15*
0.015	18	15	9.5	15	0.8	MP2-153*0500AB*15*
0.018	26	15	6.5	22.5	0.8	MP2-183*0500AB*22*
0.022	26	16	7	22.5	0.8	MP2-223*0500AB*22*
0.027	26	16.5	8	22.5	0.8	MP2-273*0500AB*22*

R.V.	700VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	18	10	4.5	15	0.8	MP2-102*0700AB*15*
0.0012	18	10.5	5	15	0.8	MP2-122*0700AB*15*
0.0015	18	10.5	5	15	0.8	MP2-152*0700AB*15*
0.0018	18	11	5	15	0.8	MP2-182*0700AB*15*
0.0022	18	11.5	5.5	15	0.8	MP2-222*0700AB*15*
0.0027	18	12	6	15	0.8	MP2-272*0700AB*15*
0.0033	18	12	6.5	15	0.8	MP2-332*0700AB*15*
0.0039	18	13	7.5	15	0.8	MP2-392*0700AB*15*
0.0047	18	14	8	15	0.8	MP2-472*0700AB*15*
0.0056	18	14.5	9	15	0.8	MP2-562*0700AB*15*
0.0068	18	15	9	15	0.8	MP2-682*0700AB*15*
0.0082	26	15	6	22.5	0.8	MP2-822*0700AB*22*
0.01	26	15.5	7	22.5	0.8	MP2-103*0700AB*22*
0.012	26	16.5	7.5	22.5	0.8	MP2-123*0700AB*22*
0.015	26	17.5	8.5	22.5	0.8	MP2-153*0700AB*22*
0.018	26	18.5	9.5	22.5	0.8	MP2-183*0700AB*22*
0.022	26	18.5	9.5	22.5	0.8	MP2-223*0700AB*22*
0.027	26	19.5	11	22.5	0.8	MP2-273*0700AB*22*

R.V.	900VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	26	12	5	22.5	0.8	MP2-102*0900AB*22*
0.0012	26	12.5	5	22.5	0.8	MP2-122*0900AB*22*
0.0015	26	13.5	5.5	22.5	0.8	MP2-152*0900AB*22*
0.0018	26	13.5	6	22.5	0.8	MP2-182*0900AB*22*
0.0022	26	13.5	6	22.5	0.8	MP2-222*0900AB*22*
0.0027	26	13.5	6	22.5	0.8	MP2-272*0900AB*22*
0.0033	26	13.5	6.5	22.5	0.8	MP2-332*0900AB*22*
0.0039	26	13.5	6.5	22.5	0.8	MP2-392*0900AB*22*
0.0047	26	13.5	6.5	22.5	0.8	MP2-472*0900AB*22*

R.V.	900VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.0056	26	14	6.5	22.5	0.8	MP2-562*0900AB*22*
0.0068	26	14	7.5	22.5	0.8	MP2-682*0900AB*22*
0.0082	26	16	7.5	22.5	0.8	MP2-822*0900AB*22*
0.01	26	17	8	22.5	0.8	MP2-103*0900AB*22*
0.012	26	18	9	22.5	0.8	MP2-123*0900AB*22*
0.015	26	19	10	22.5	0.8	MP2-153*0900AB*22*
0.018	26	20	11.5	22.5	0.8	MP2-183*0900AB*22*

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