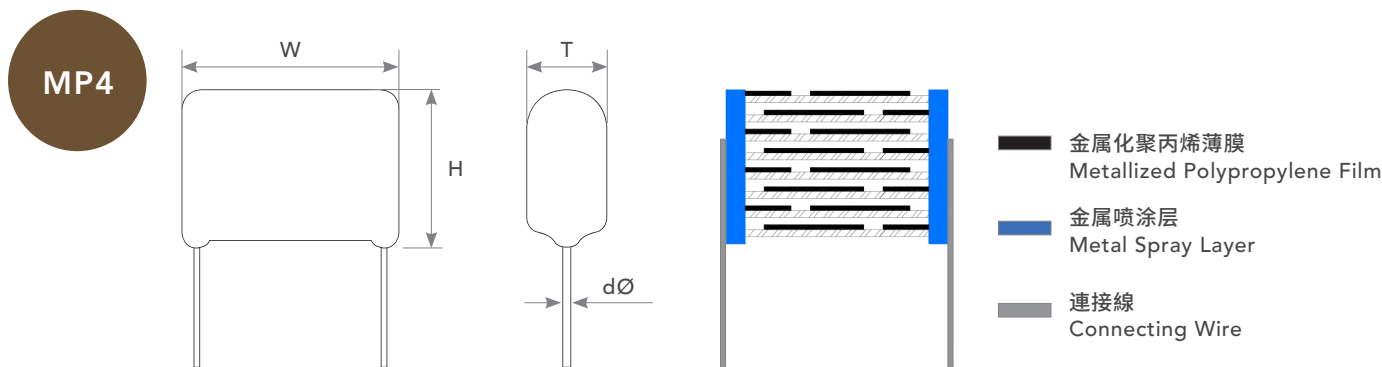


金属化聚丙烯薄膜电容器(MP4) METALLIZED POLYPROPYLENE FILM CAPACITOR-RADIAL(MP4)



结构 Construction:

- 电介质: 金属化聚丙烯薄膜
Dielectric: Metallized Polypropylene 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:

- 高频下低损耗因素
Low Dissipation Factor at high frequency
- 优良电晕电压
Excellent corona voltage
- 脉冲强度高
High pulse strength
- 小型化
Small in size

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
- 高直流电压高电流脉冲应用
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_R
最大运行温度 Usable Upper Category Temperature	+110°C (Derating ratio of rated V_R to +85°C~+110°C: 1.25% per °C for Rated Voltage V_R)
容量范围 Capacitance Range	0.001 μ F ~ 0.15 μ F
容量误差 Capacitance Tolerance	$\pm 2\%$ (G), $\pm 3\%$ (H), $\pm 5\%$ (J)
损耗角正切 Dissipation Factor	0.05% at 1Khz ($C \leq 0.1 \mu$ F) 0.10% at 100Khz ($C \leq 0.1 \mu$ F)
绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C \pm 5°C), $\geq 50000M\Omega$ for $C \leq 0.1 \mu$ F at 100VDC x 1 minute
耐压 Withstand Voltage	Terminal to Terminal: (at 20°C \pm 5°C), $1.6 \times V_R$ applied for 2sec.

额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch	300 VAC	400 VAC	500 VAC	700 VAC	900 VAC
	10 mm	400	400	----	----	----
	15 mm	500	1000	1400	3000	4000
	22.5 mm	250	500	700	1400	2500

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	300VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.0056	13.0	10.0	5.0	10	0.6	MP4-562*0300AB*10*
0.0068	13.0	11.0	5.0	10	0.6	MP4-682*0300AB*10*
0.0082	13.0	11.0	5.5	10	0.6	MP4-822*0300AB*10*
0.01	13.0	11.5	6.0	10	0.6	MP4-103*0300AB*10*
0.012	13.0	12.0	6.5	10	0.6	MP4-123*0300AB*10*
0.015	13.0	13.0	7.0	10	0.6	MP4-153*0300AB*10*
0.018	13.0	13.5	8.0	10	0.6	MP4-183*0300AB*10*
0.022	18.0	12.0	6.0	15	0.8	MP4-223*0300AB*15*
0.027	18.0	12.5	7.0	15	0.8	MP4-273*0300AB*15*
0.033	18.0	13.0	7.5	15	0.8	MP4-333*0300AB*15*
0.039	18.0	14.0	8.0	15	0.8	MP4-393*0300AB*15*
0.047	18.0	15.5	8.5	15	0.8	MP4-473*0300AB*15*
0.056	18.0	16.0	9.0	15	0.8	MP4-563*0300AB*15*
0.068	18.0	17.0	10.0	15	0.8	MP4-683*0300AB*15*
0.082	26.0	16.5	7.5	22.5	0.8	MP4-823*0300AB*22*
0.1	26.0	17.5	8.5	22.5	0.8	MP4-104*0300AB*22*
0.12	26.0	18.5	9.5	22.5	0.8	MP4-124*0300AB*22*
0.15	26.0	19.5	10.5	22.5	0.8	MP4-154*0300AB*22*

R.V.	400VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	13.0	9.0	4.5	10	0.6	MP4-102*0400AB*10*
0.0012	13.0	9.0	4.5	10	0.6	MP4-122*0400AB*10*
0.0015	13.0	9.0	4.5	10	0.6	MP4-152*0400AB*10*
0.0018	13.0	9.0	4.5	10	0.6	MP4-182*0400AB*10*
0.0022	13.0	9.0	4.5	10	0.6	MP4-222*0400AB*10*
0.0027	13.0	10.0	5.0	10	0.6	MP4-272*0400AB*10*
0.0033	13.0	10.0	5.0	10	0.6	MP4-332*0400AB*10*
0.0039	13.0	10.5	5.0	10	0.6	MP4-392*0400AB*10*
0.0047	13.0	11.0	5.5	10	0.6	MP4-472*0400AB*10*
0.0056	13.0	11.5	6.0	10	0.6	MP4-562*0400AB*10*
0.0068	18.0	10.0	4.5	15	0.8	MP4-682*0400AB*15*
0.0082	18.0	10.5	4.5	15	0.8	MP4-822*0400AB*15*
0.01	18.0	11.0	5.0	15	0.8	MP4-103*0400AB*15*
0.012	18.0	11.5	5.5	15	0.8	MP4-123*0400AB*15*
0.015	18.0	12.0	6.0	15	0.8	MP4-153*0400AB*15*
0.018	18.0	12.5	7.0	15	0.8	MP4-183*0400AB*15*
0.022	18.0	13.0	7.5	15	0.8	MP4-223*0400AB*15*
0.027	18.0	14.0	8.5	15	0.8	MP4-273*0400AB*15*
0.033	18.0	15.0	9.0	15	0.8	MP4-333*0400AB*15*
0.039	18.0	15.5	10.0	15	0.8	MP4-393*0400AB*15*
0.047	18.0	16.5	11.0	15	0.8	MP4-473*0400AB*15*
0.056	26.0	17.0	8.5	22.5	0.8	MP4-563*0400AB*22*
0.068	26.0	18.0	9.5	22.5	0.8	MP4-683*0400AB*22*
0.082	26.0	19.0	10.5	22.5	0.8	MP4-823*0400AB*22*
0.1	26.0	20.5	11.5	22.5	0.8	MP4-104*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	18.0	10.5	4.5	15	0.8	MP4-102*0500AB*15*
0.0012	18.0	10.5	4.5	15	0.8	MP4-122*0500AB*15*
0.0015	18.0	10.5	4.5	15	0.8	MP4-152*0500AB*15*
0.0018	18.0	11.0	5.0	15	0.8	MP4-182*0500AB*15*
0.0022	18.0	11.0	5.5	15	0.8	MP4-222*0500AB*15*
0.0027	18.0	11.0	5.5	15	0.8	MP4-272*0500AB*15*
0.0033	18.0	11.0	5.5	15	0.8	MP4-332*0500AB*15*
0.0039	18.0	11.0	5.5	15	0.8	MP4-392*0500AB*15*
0.0047	18.0	11.0	5.5	15	0.8	MP4-472*0500AB*15*
0.0056	18.0	11.0	5.5	15	0.8	MP4-562*0500AB*15*
0.0068	18.0	11.5	5.5	15	0.8	MP4-682*0500AB*15*
0.0082	18.0	12.0	6.5	15	0.8	MP4-822*0500AB*15*
0.01	18.0	12.5	7.0	15	0.8	MP4-103*0500AB*15*
0.012	18.0	13.5	7.5	15	0.8	MP4-123*0500AB*15*
0.015	18.0	14.0	8.5	15	0.8	MP4-153*0500AB*15*
0.018	18.0	15.0	9.5	15	0.8	MP4-183*0500AB*15*
0.022	18.0	17.0	9.5	15	0.8	MP4-223*0500AB*15*
0.027	18.0	18.0	11.0	15	0.8	MP4-273*0500AB*15*
0.033	26.0	16.5	7.5	22.5	0.8	MP4-333*0500AB*22*
0.039	26.0	17.5	8.5	22.5	0.8	MP4-393*0500AB*22*
0.047	26.0	18.5	9.5	22.5	0.8	MP4-473*0500AB*22*
0.056	26.0	19.5	10.5	22.5	0.8	MP4-563*0500AB*22*
0.068	26.0	20.5	12.0	22.5	0.8	MP4-683*0500AB*22*
0.082	26.0	22.0	13.0	22.5	0.8	MP4-823*0500AB*22*

R.V.	700VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	18.0	10.5	5.0	15	0.8	MP4-102*0700AB*15*
0.0012	18.0	11.0	5.0	15	0.8	MP4-122*0700AB*15*
0.0015	18.0	11.0	5.0	15	0.8	MP4-152*0700AB*15*
0.0018	18.0	11.0	5.5	15	0.8	MP4-182*0700AB*15*
0.0022	18.0	11.0	5.5	15	0.8	MP4-222*0700AB*15*
0.0027	18.0	11.0	5.5	15	0.8	MP4-272*0700AB*15*
0.0033	18.0	11.0	5.5	15	0.8	MP4-332*0700AB*15*
0.0039	18.0	11.0	6.0	15	0.8	MP4-392*0700AB*15*
0.0047	18.0	11.5	6.5	15	0.8	MP4-472*0700AB*15*
0.0056	18.0	13.0	7.0	15	0.8	MP4-562*0700AB*15*
0.0068	18.0	13.0	7.5	15	0.8	MP4-682*0700AB*15*
0.0082	18.0	13.5	8.0	15	0.8	MP4-822*0700AB*15*
0.01	18.0	14.5	8.5	15	0.8	MP4-103*0700AB*15*
0.012	18.0	15.5	9.5	15	0.8	MP4-123*0700AB*15*
0.015	18.0	17.0	10.5	15	0.8	MP4-153*0700AB*15*
0.018	18.0	19.0	11.0	15	0.8	MP4-183*0700AB*15*
0.022	26.0	16.5	8.0	22.5	0.8	MP4-223*0700AB*22*
0.027	26.0	17.5	9.0	22.5	0.8	MP4-273*0700AB*22*
0.033	26.0	18.5	10.0	22.5	0.8	MP4-333*0700AB*22*
0.039	26.0	19.5	11.0	22.5	0.8	MP4-393*0700AB*22*
0.047	26.0	20.5	12.0	22.5	0.8	MP4-473*0700AB*22*
0.056	26.0	22.0	13.0	22.5	0.8	MP4-563*0700AB*22*
0.068	26.0	23.5	14.5	22.5	0.8	MP4-683*0700AB*22*
0.082	26.0	25.0	16.0	22.5	0.8	MP4-823*0700AB*22*

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

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	900VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.001	18.0	10.5	5.0	15	0.8	MP4-102*0900AB*15*
0.0012	18.0	11.0	5.5	15	0.8	MP4-122*0900AB*15*
0.0015	18.0	12.0	6.5	15	0.8	MP4-152*0900AB*15*
0.0018	18.0	12.5	7.0	15	0.8	MP4-182*0900AB*15*
0.0022	18.0	13.0	7.5	15	0.8	MP4-222*0900AB*15*
0.0027	18.0	14.0	8.5	15	0.8	MP4-272*0900AB*15*
0.0033	18.0	15.0	9.5	15	0.8	MP4-332*0900AB*15*
0.0039	18.0	16.5	9.5	15	0.8	MP4-392*0900AB*15*
0.0047	18.0	17.5	10.5	15	0.8	MP4-472*0900AB*15*
0.0056	18.0	18.5	11.5	15	0.8	MP4-562*0900AB*15*
0.0068	26.0	15.0	6.5	22.5	0.8	MP4-682*0900AB*22*
0.0082	26.0	15.5	7.0	22.5	0.8	MP4-822*0900AB*22*
0.01	26.0	16.0	7.5	22.5	0.8	MP4-103*0900AB*22*
0.012	26.0	17.0	8.0	22.5	0.8	MP4-123*0900AB*22*
0.015	26.0	18.0	9.5	22.5	0.8	MP4-153*0900AB*22*
0.018	26.0	19.0	10.0	22.5	0.8	MP4-183*0900AB*22*
0.022	26.0	20.0	11.5	22.5	0.8	MP4-223*0900AB*22*

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