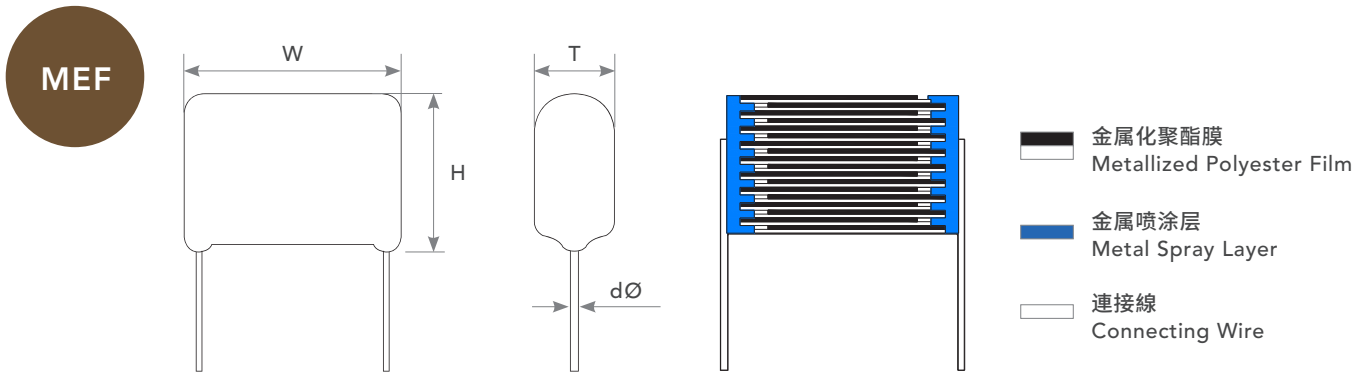


# 金属化聚酯薄膜电容器(MEF)

## METALLIZED POLYESTER FILM CAPACITOR-RADIAL (MEF)



### 结构 Construction:

- 电介质: 金属化聚酯薄膜  
Dielectric: Metallized Polyester Film
- 绕卷: 无感式  
Winding: non-inductive type
- 导线: 镀锡线  
Leads: Tinned Wire
- 外部涂层: 阻燃性氧树脂  
Outer Coating: Flame retarding epoxy resin

### 特点 Feature:

- 良好的自愈性  
Self-healing property
- 广泛的额定电压  
Wide rated voltage range
- 广泛的额定容量  
Wide rated capacitance range
- 适用于自动插件  
Available for wire automatic insertion range

### 推荐应用 Recommended Application:

- 标准用法  
General purpose usage
- 耦合、旁路、滤波、定时  
Blocking, by-passing, filtering, timing
- 日光灯、HID灯镇流器  
Fluorescent lamp, HID lamp ballast
- 空调、风扇、启动马达及其他工业设备  
Air conditioner, Fan, Motor running & Other industrial equipment

### 电气特性 Electrical Characteristics:

引用标准 Related Documents	IEC 60384-2
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: 1.25% per °C for Rated Voltage)
容量范围 Capacitance Range	0.01μF ~ 10μF
容量误差 Capacitance Tolerance	±2% (G), ±5% (J), ±10% (K)
损耗角正切 Dissipation Factor	1.0 % (max.) at 1KHz   1.5 % (max.) at 10KHz
绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C±5°C), Voltage charge: 100VDC × 1 minute VR ≤ 100VDC: ≥ 15000MΩ for C ≤ 0.33μF, ≥ 5000MΩ × μF for C > 0.33μF VR > 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 × VR 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 <sub>R</sub>	7.5 mm	10 mm	15 mm	20 mm	27.5 mm
	50/63 VDC	20	----	----	----	----
	100 VDC	35	30	20	10	5
	250 VDC	----	110	45	20	15
	400 VDC	----	160	65	30	25
	630 VDC	----	200	90	35	30

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
0.01	10.5	9	5.5	7.5	0.6	MEF-103*0100DB*07*
0.015	10.5	9.5	6	7.5	0.6	MEF-153*0100DB*07*
0.022	10.5	9.5	6	7.5	0.6	MEF-223*0100DB*07*
0.033	10.5	9.5	6	7.5	0.6	MEF-333*0100DB*07*
0.047	10.5	9.5	6	7.5	0.6	MEF-473*0100DB*07*
0.068	10.5	9.5	6	7.5	0.6	MEF-683*0100DB*07*
0.1	10.5	9.5	6	7.5	0.6	MEF-104*0100DB*07*
0.15	13	9	5.5	10	0.6	MEF-154*0100DB*10*
0.22	13	10	6.5	10	0.6	MEF-224*0100DB*10*
0.33	13	11.5	8	10	0.6	MEF-334*0100DB*10*
0.47	18.5	11	6	15	0.6	MEF-474*0100DB*15*
0.68	18.5	12.5	7.5	15	0.6	MEF-684*0100DB*15*
1.0	18.5	13.5	8.5	15	0.8	MEF-105*0100DB*15*
1.5	22.5	14.5	8	20	0.8	MEF-155*0100DB*20*
2.2	22.5	16.5	10	20	0.8	MEF-225*0100DB*20*
3.3	22.5	20	12	20	0.8	MEF-335*0100DB*20*
4.7	22.5	21.5	14	20	0.8	MEF-475*0100DB*20*
6.8	32	23.5	14.5	27.5	0.8	MEF-685*0100DB*27*
10	32	29	18	27.5	0.8	MEF-106*0100DB*27*

R.V.	250VDC / 160VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	10.5	9	5.5	7.5	0.6	MEF-103*0250DB*07*
0.015	10.5	9.5	6	7.5	0.6	MEF-153*0250DB*07*
0.022	10.5	9.5	6	7.5	0.6	MEF-223*0250DB*07*
0.033	10.5	9.5	6	7.5	0.6	MEF-333*0250DB*07*
0.047	10.5	9.5	6	7.5	0.6	MEF-473*0250DB*07*
0.068	10.5	10	6.5	7.5	0.6	MEF-683*0250DB*07*
0.1	13	10	6.5	10	0.6	MEF-104*0250DB*10*
0.15	18.5	11	6	15	0.6	MEF-154*0250DB*15*
0.22	18.5	11.5	6.5	15	0.6	MEF-224*0250DB*15*
0.33	18.5	12	7	15	0.8	MEF-334*0250DB*15*
0.47	22.5	12.5	7.5	20	0.8	MEF-474*0250DB*20*
0.68	22.5	13.5	8.5	20	0.8	MEF-684*0250DB*20*
1.0	22.5	15	10	20	0.8	MEF-105*0250DB*20*
1.5	32	17.5	9.5	27.5	0.8	MEF-155*0250DB*27*
2.2	32	19	10.5	27.5	0.8	MEF-225*0250DB*27*
3.3	32	23	13.5	27.5	0.8	MEF-335*0250DB*27*
4.7	36	24	14	32.5	0.8	MEF-475*0250DB*32*
6.8	42	27	16	37.5	1.0	MEF-685*0250DB*37*
10	42	35	19	37.5	1.0	MEF-106*0250DB*37*

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

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	400VDC / 200VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	10.5	9	5.5	7.5	0.6	MEF-103*0400DB*07*
0.015	10.5	9.5	6	7.5	0.6	MEF-153*0400DB*07*
0.022	13	9.5	6	10	0.6	MEF-223*0400DB*10*
0.033	13	10	6.5	10	0.6	MEF-333*0400DB*10*
0.047	13	12	7	10	0.6	MEF-473*0400DB*10*
0.068	13	13	8	10	0.6	MEF-683*0400DB*10*
0.1	18.5	12.5	7	15	0.8	MEF-104*0400DB*15*
0.15	18.5	13.5	8	15	0.8	MEF-154*0400DB*15*
0.22	22.5	14.5	8	20	0.8	MEF-224*0400DB*20*
0.33	22.5	15	9	20	0.8	MEF-334*0400DB*20*
0.47	22.5	18.5	11.5	20	0.8	MEF-474*0400DB*20*
0.68	32	19	12	27.5	0.8	MEF-684*0400DB*27*
1.0	32	21.5	13.5	27.5	0.8	MEF-105*0400DB*27*
1.5	36	23.5	14	32.5	0.8	MEF-155*0400DB*32*
2.2	36	27.5	18.5	32.5	0.8	MEF-225*0400DB*32*
3.3	42	30.5	18.5	37.5	1.0	MEF-335*0400DB*37*
4.7	46	34	22	42.5	1.0	MEF-475*0400DB*42*

R.V.	630VDC / 220VAC					
Size Cap (μF)	W	H	T	P	dØ	料号 Part Number
0.01	13	10	6	10	0.6	MEF-103*0630DB*10*
0.015	13	10.5	6.5	10	0.6	MEF-153*0630DB*10*
0.022	13	12.5	7.5	10	0.6	MEF-223*0630DB*10*
0.033	18.5	12	6.5	15	0.6	MEF-333*0630DB*15*
0.047	18.5	12.5	7.5	15	0.6	MEF-473*0630DB*15*
0.068	18.5	14	8.5	15	0.8	MEF-683*0630DB*15*
0.1	18.5	14.5	10	15	0.8	MEF-104*0630DB*15*
0.15	22.5	16.5	9.5	20	0.8	MEF-154*0630DB*20*
0.22	22.5	19	11.5	20	0.8	MEF-224*0630DB*20*
0.33	32	19	12	27.5	0.8	MEF-334*0630DB*27*
0.47	32	22	13.5	27.5	0.8	MEF-474*0630DB*27*
0.68	36	22.5	14.5	32.5	0.8	MEF-684*0630DB*32*
1.0	36	29	16	32.5	0.8	MEF-105*0630DB*32*
1.5	42	29.5	18.5	37.5	1.0	MEF-155*0630DB*37*
2.2	46	32.5	20.5	42.5	1.0	MEF-225*0630DB*42*

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