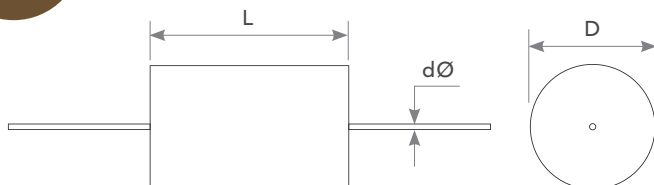


## 金属化聚酯薄膜电容器-轴向(MET)

### METALLIZED POLYESTER FILM CAPACITOR-AXIAL (MET)

MET



- 金属化聚酯膜  
Metallized Polyester Film
- 金属喷涂层  
Metal Spray Layer
- 连接線  
Connecting Wire

#### 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: 绝缘胶带包裹, 环氧树脂端部填充  
Outer Coating: Insulating tape wrapping and epoxy resin end filled

#### 特点 Feature:

- 良好的自愈性  
Self-healing property
- 高稳定的容量  
High stability of capacitance
- 良好的可靠性  
High reliability

#### 推荐应用 Recommended Application:

- 耦合、旁路、滤波、定时电路  
Blocking, by-passing, filtering, timing circuits
- 专业电子测试设备  
Professional electronics testing equipment
- 电通信与资料处理  
Telecommunications and data processing
- 自动控制系统设备  
Automatic control system equipment
- 工业仪器  
Industrial instruments

#### 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	0.15μF ~ 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: ≥ 10000MΩ for C ≤ 0.33μF, ≥ 1000MΩ × 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)	Length	≤14 mm	19 mm	27 mm	33 mm	38 mm
	V <sub>R</sub>					
	100VDC	6	3	2	1.5	1
	250VDC	10	7	4	2.5	2
	400VDC	14	10	6.5	4	3
630VDC	20	15	10	6	4	

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	100VDC / 63VAC			
Size Cap (μF)	L	D	dØ±0.05	料号 Part Number
1.0	19	10	0.8	MET-105*0100DB0000
1.5	27	11	0.8	MET-155*0100DB0000
2.2	27	12	0.8	MET-225*0100DB0000
3.3	27	14	0.8	MET-335*0100DB0000
4.7	33	14.5	0.8	MET-475*0100DB0000
6.8	33	17	0.8	MET-685*0100DB0000
10	33	20	0.8	MET-106*0100DB0000

R.V.	250VDC / 160VAC			
Size Cap (μF)	L	D	dØ±0.05	料号 Part Number
0.68	27	10	0.8	MET-684*0250DB0000
1.0	27	11.5	0.8	MET-105*0250DB0000
1.5	27	11.5	0.8	MET-155*0250DB0000
2.2	33	14	0.8	MET-225*0250DB0000
3.3	33	16	0.8	MET-335*0250DB0000
4.7	38	20	0.8	MET-475*0250DB0000
6.8	38	24	0.8	MET-685*0250DB0000
10	48	23	0.8	MET-106*0250DB0000

R.V.	400VDC / 200VAC			
Size Cap (μF)	L	D	dØ±0.05	料号 Part Number
0.33	27	10	0.8	MET-334*0400DB0000
0.47	27	12.5	0.8	MET-474*0400DB0000
0.68	33	12.5	0.8	MET-684*0400DB0000
1.0	33	14.5	0.8	MET-105*0400DB0000
1.5	33	17.5	0.8	MET-155*0400DB0000
2.2	38	20	0.8	MET-225*0400DB0000
3.3	38	27	0.8	MET-335*0400DB0000
4.7	38	30	0.8	MET-475*0400DB0000

R.V.	630VDC / 220VAC			
Size Cap (μF)	L	D	dØ±0.05	料号 Part Number
0.15	27	10.5	0.8	MET-154*0630DB0000
0.22	27	11.5	0.8	MET-224*0630DB0000
0.33	33	13	0.8	MET-334*0630DB0000
0.47	33	14	0.8	MET-474*0630DB0000
0.68	33	17.5	0.8	MET-684*0630DB0000
1.0	38	21	0.8	MET-105*0630DB0000
1.5	38	25	0.8	MET-155*0630DB0000
2.2	38	28	0.8	MET-225*0630DB0000

\* 最大尺寸 Maximum dimensions (mm): L max = L+0.5 , D max = D+0.5