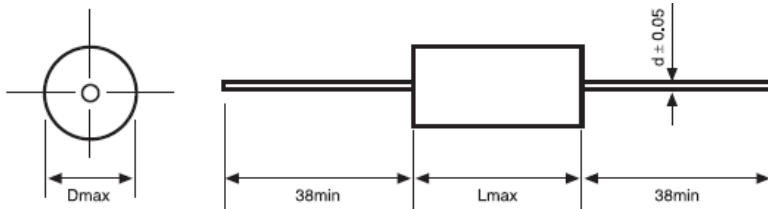


# Metallized Polyester Film Capacitor (Axial-Cylindrical)



## 金屬化聚乙酯膜電容器 (軸向型) SMET series

### ■ 外觀圖 Outline Drawing



### ■ 主要用途:

隔直, 旁路和耦合

### ■ Typical Applications

Suitable for blocking, by-pass, coupling, and decoupling

### ■ 特點:

金屬化聚乙酯薄膜, 無感卷繞結構

體積小, 重量輕, 自愈性能優異

外包裝聚脂膠帶, 兩端灌注環氧樹脂

### ■ Features

Metalized polyester film, non-inductive wound construction

Small size, light weight, excellent self-healing property

Wrapped with polyester adhesive tape and ends filled

### ■ 技術要求 Specifications

引用標準 Reference Standard	GB/T 7332 (IEC 60384-2)	
氣候類別 Climatic Category	55/105/21	
工作溫度範圍 Operating Temperature Range	-40°C ~ +105°C (+85°C to +105°C: decreasing factor 1.25% per °C for UR)	
電容量範圍 Capacitance Range	0.001uF ~ 10 μF	
額定電壓 Rated (DC) Voltage	50/63Vdc, 100Vdc, 250Vdc, 400Vdc, 630Vdc, 1000Vdc	
額定電壓 Rated (AC) Voltage	40Vac, 63Vac, 160Vac, 200Vac, 220Vac, 250Vac	
電容偏差 Capacitance Tolerance	±5%(J)、±10%(K)	
承受電壓 Voltage Proof	1.5UR (5s)	
損耗角 Dissipation Factor	≤ 1.0% (20°C, 1kHz)	
絕緣電阻 Insulation Resistance	UR ≤ 100V	$C_R \leq 0.33\mu F \quad IR \geq 30,000M\Omega$ $C_R > 0.33\mu F \quad IR \geq 10,000S$

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■ 外型尺寸表 Dimensions (mm)

50/63Vdc (40Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.33	5.2	12	0.6	SMET_334*0063D*12**
0.39	5.5	12	0.6	SMET_394*0063D*12**
0.47	5.5	14.5	0.6	SMET_474*0063D*15**
0.56	6	14.5	0.6	SMET_564*0063D*15**
0.68	6	14.5	0.6	SMET_684*0063D*15**
0.82	6.5	14.5	0.6	SMET_824*0063D*15**
1.0	7	14.5	0.8	SMET_105*0063D*15**
1.2	7	14.5	0.8	SMET_125*0063D*15**
1.5	6.7	20	0.8	SMET_155*0063D*20**
1.8	7	20	0.8	SMET_185*0063D*20**
2.2	7.5	20	0.8	SMET_225*0063D*20**
2.7	8.5	20	0.8	SMET_275*0063D*20**
3.3	9	20	0.8	SMET_335*0063D*20**
3.9	9.5	20	0.8	SMET_395*0063D*20**
4.7	8.5	27.5	0.8	SMET_475*0063D*28**
5.6	9	27.5	0.8	SMET_565*0063D*28**
6.8	10	27.5	0.8	SMET_685*0063D*28**
8.2	10.5	27.5	0.8	SMET_825*0063D*28**
10	11	27.5	0.8	SMET_106*0063D*28**

100Vdc (63Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.068	5.2	12	0.6	SMET_683*0100D*12**
0.082	5.2	12	0.6	SMET_823*0100D*12**
0.10	5.2	12	0.6	SMET_104*0100D*12**
0.12	5.2	12	0.6	SMET_124*0100D*12**
0.15	5.2	12	0.6	SMET_154*0100D*12**
0.18	5.2	12	0.6	SMET_184*0100D*12**
0.22	5.2	12	0.6	SMET_224*0100D*12**
0.27	5.2	12	0.6	SMET_274*0100D*12**
0.33	6	14.5	0.6	SMET_334*0100DB*15**
0.39	6	14.5	0.6	SMET_394*0100D*15**
0.47	6	14.5	0.6	SMET_474*0100D*15**
0.56	6	14.5	0.6	SMET_564*0100D*15**
0.68	6.8	14.5	0.8	SMET_684*0100D*15**
0.82	7	14.5	0.8	SMET_824*0100D*15**
1.0	7	20	0.8	SMET_105*0100D*20**
1.2	7	20	0.8	SMET_125*0100D*20**
1.5	8	20	0.8	SMET_155*0100D*20**
1.8	8.5	20	0.8	SMET_185*0100D*20**
2.2	9	20	0.8	SMET_225*0100D*20**
2.7	9.5	20	0.8	SMET_275*0100D*20**
3.3	9.5	27.5	0.8	SMET_335*0100D*28**
3.9	9.5	27.5	0.8	SMET_395*0100D*28**
4.7	10	33	0.8	SMET_475*0100D*33**
5.6	10.5	33	0.8	SMET_565*0100D*33**
6.8	11.5	33	0.8	SMET_685*0100D*33**
8.2	12.5	33	0.8	SMET_825*0100D*33**
10	13.5	33	0.8	SMET_106*0100D*33**

\* = Lead Forming (Refer to Product code system)      \*\* = Lead length

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■ 外型尺寸表 Dimensions (mm)

250Vdc (160Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.047	5.2	12	0.6	SMET_473*0250DB12
0.056	5.2	12	0.6	SMET_563*0250DB12
0.068	5.2	12	0.6	SMET_683*0250DB12
0.082	5.2	12	0.6	SMET_823*0250DB12
0.10	5.5	14.5	0.6	SMET_104*0250DB15
0.12	5.5	14.5	0.6	SMET_124*0250DB15
0.15	5.5	14.5	0.6	SMET_154*0250DB15
0.18	5.5	14.5	0.6	SMET_184*0250DB15
0.22	6	14.5	0.6	SMET_224*0250DB15
0.27	6.5	14.5	0.6	SMET_274*0250DB15
0.33	6.5	20	0.6	SMET_334*0250DB20
0.39	6.5	20	0.6	SMET_394*0250DB20
0.47	7	20	0.8	SMET_474*0250DB20
0.56	7.5	20	0.8	SMET_564*0250DB20
0.68	8	20	0.8	SMET_684*0250DB20
0.82	8.5	20	0.8	SMET_824*0250DB20
1.0	9	20	0.8	SMET_105*0250DB20
1.2	8.5	27.5	0.8	SMET_125*0250DB28
1.5	9	27.5	0.8	SMET_155*0250DB28
1.8	9.5	27.5	0.8	SMET_185*0250DB28
2.2	11	33	0.8	SMET_225*0250DB33
2.7	12	33	0.8	SMET_275*0250DB33
3.3	13	33	0.8	SMET_335*0250DB33
3.9	14.5	33	0.8	SMET_395*0250DB33
4.7	15.5	33	0.8	SMET_475*0250DB33
5.6	16.5	33	0.8	SMET_565*0250DB33
6.8	18.5	33	0.8	SMET_685*0250DB33
8.2	20	33	0.8	SMET_825*0250DB33
10	22	33	0.8	SMET_106*0250DB33

400Vdc (200Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.010	5.2	12	0.6	SMET_103*0400DB12
0.012	5.2	12	0.6	SMET_123*0400DB12
0.015	5.2	12	0.6	SMET_153*0400DB12
0.018	5.2	12	0.6	SMET_183*0400DB12
0.022	5.2	12	0.6	SMET_223*0400DB12
0.027	5.2	12	0.6	SMET_273*0400DB12
0.033	5.2	12	0.6	SMET_333*0400DB12
0.039	5.2	14.5	0.6	SMET_393*0400DB15
0.047	6.5	14.5	0.6	SMET_473*0400DB15
0.056	6.5	14.5	0.6	SMET_563*0400DB15
0.068	6.5	14.5	0.6	SMET_683*0400DB15
0.082	7	14.5	0.8	SMET_823*0400DB15
0.10	7.5	14.5	0.8	SMET_104*0400DB15
0.12	8	14.5	0.8	SMET_124*0400DB15
0.15	7	20	0.8	SMET_154*0400DB20
0.18	7	20	0.8	SMET_184*0400DB20
0.22	7.5	20	0.8	SMET_224*0400DB20
0.27	8	20	0.8	SMET_274*0400DB20
0.33	9	20	0.8	SMET_334*0400DB20
0.39	9.5	20	0.8	SMET_394*0400DB20
0.47	8.5	27.5	0.8	SMET_474*0400DB28
0.56	9	27.5	0.8	SMET_564*0400DB28
0.68	10	27.5	0.8	SMET_684*0400DB28
0.82	10.5	27.5	0.8	SMET_824*0400DB28
1.0	10.5	33	0.8	SMET_105*0400DB33
1.2	11.5	33	0.8	SMET_125*0400DB33
1.5	12.5	33	0.8	SMET_155*0400DB33
1.8	13.5	33	0.8	SMET_185*0400DB33
2.2	14.5	33	0.8	SMET_225*0400DB33
2.7	16	33	0.8	SMET_275*0400DB33
3.3	17.5	33	0.8	SMET_335*0400DB33

\* = Lead Forming (Refer to Product code system)      \*\* = Lead length

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■ 外型尺寸表 Dimensions (mm)

630Vdc (220Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.0010	5.2	12	0.6	SMET_102*0630D*12**
0.0022	5.2	12	0.6	SMET_222*0630D*12**
0.0033	5.2	12	0.6	SMET_332*0630D*12**
0.0047	5.2	12	0.6	SMET_472*0630D*12**
0.0056	5.2	12	0.6	SMET_562*0630D*12**
0.0068	6	12	0.6	SMET_682*0630D*12**
0.0082	6	12	0.6	SMET_822*0630D*12**
0.010	6	14.5	0.6	SMET_103*0630D*15**
0.015	6.5	14.5	0.6	SMET_153*0630D*15**
0.018	7	14.5	0.8	SMET_183*0630D*15**
0.022	7.5	14.5	0.8	SMET_223*0630D*15**
0.027	8	14.5	0.8	SMET_273*0630D*15**
0.033	7	20	0.8	SMET_333*0630D*20**
0.039	7.5	20	0.8	SMET_393*0630D*20**
0.047	7.5	20	0.8	SMET_473*0630D*20**
0.056	8	20	0.8	SMET_563*0630D*20**
0.068	8.5	20	0.8	SMET_683*0630D*20**
0.082	9	20	0.8	SMET_823*0630D*20**
0.10	8	27.5	0.8	SMET_104*0630D*28**
0.12	8.5	27.5	0.8	SMET_124*0630D*28**
0.15	9	27.5	0.8	SMET_154*0630D*28**
0.18	10	27.5	0.8	SMET_184*0630D*28**
0.22	10.5	27.5	0.8	SMET_224*0630D*28**
0.27	11.5	27.5	0.8	SMET_274*0630D*28**
0.33	11	33	0.8	SMET_334*0630D*33**
0.39	12	33	0.8	SMET_394*0630D*33**
0.47	12.5	33	0.8	SMET_474*0630D*33**
0.56	13.5	33	0.8	SMET_564*0630D*33**
0.68	14.5	33	0.8	SMET_684*0630D*33**
0.82	16	33	0.8	SMET_824*0630D*33**
1.0	17.5	33	0.8	SMET_105*0630D*33**

1000Vdc (250Vac)				
容量 uF	D	L	d	產品代碼 Part number
0.0010	5.2	12	0.6	SMET_102*01000D*12**
0.0015	5.2	12	0.6	SMET_152*01000D*12**
0.0022	5.2	12	0.6	SMET_222*01000D*12**
0.0033	5.2	12	0.6	SMET_332*01000D*12**
0.0039	5.2	12	0.6	SMET_392*01000D*12**
0.0047	5.2	14.5	0.6	SMET_472*01000D*15**
0.0056	5.2	14.5	0.6	SMET_562*01000D*15**
0.0068	5.2	14.5	0.6	SMET_682*01000D*15**
0.0082	6	14.5	0.6	SMET_822*01000D*15**
0.010	6	20	0.6	SMET_103*01000D*20**
0.012	6	20	0.6	SMET_123*01000D*20**
0.015	6.5	20	0.6	SMET_153*01000D*20**
0.018	6.5	20	0.6	SMET_183*01000D*20**
0.022	7	20	0.8	SMET_223*01000D*20**
0.027	7.5	20	0.8	SMET_273*01000D*20**
0.033	6.5	27.5	0.8	SMET_333*01000D*28**
0.039	6.5	27.5	0.8	SMET_393*01000D*28**
0.047	7	27.5	0.8	SMET_473*01000D*28**
0.056	7.5	27.5	0.8	SMET_563*01000D*28**
0.068	8	27.5	0.8	SMET_683*01000D*28**
0.082	8.5	27.5	0.8	SMET_823*01000D*28**
0.10	9	27.5	0.8	SMET_104*01000D*28**
0.12	9.5	27.5	0.8	SMET_124*01000D*28**
0.15	9.5	33	0.8	SMET_154*01000D*33**
0.18	10	33	0.8	SMET_184*01000D*33**
0.22	11	33	0.8	SMET_224*01000D*33**
0.27	12	33	0.8	SMET_274*01000D*33**
0.33	13	33	0.8	SMET_334*01000D*33**
0.39	14	33	0.8	SMET_394*01000D*33**
0.47	15	33	0.8	SMET_474*01000D*33**

\* = Lead Forming (Refer to Product code system)      \*\* = Lead length