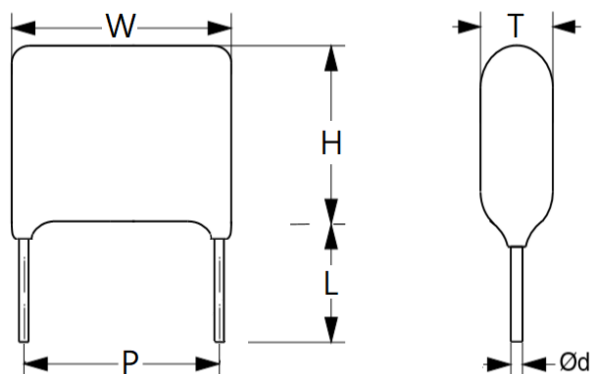


Metallized Polyester Film Capacitor (Dipped)

■ 外形圖 Outline Drawing (For Example)



■ 典型應用

適用於直流電的阻斷、旁路和耦合
和信號到甚高頻範圍
廣泛應用於濾波器和低脈衝電路

■ 特徵

電容範圍寬、體積小、重量輕
由於自愈性，壽命更長
阻燃環氧樹脂塗料

■ Typical Applications

Suitable for blocking, by-pass and coupling of DC
and signals to VHF range
Widely used in filter and low pulse circuits

■ Features

Wide capacitance range, small size, and light weight
Long life due to self-healing
Flame retardant epoxy resin coating

■ 規格 Specifications

參考標準 Reference Standard	GB/T 7332 (IEC 60384-2)				
氣候類別 Climatic Category	40/105/21				
額定溫度 Rated Temperature	85°C				
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 U_R)				
容值範圍 Capacitance Range	0.01μF ~ 10μF				
額定直流電壓 Rated (DC) Voltage	63Vdc	100Vdc	250Vdc	400Vdc	630Vdc
連續交流電壓 Maximum continuous AC voltage	40Vac	63Vac	160Vac	200Vac	220Vac
容值公差 Capacitance Tolerance	±5%(J)、±10%(K)、±20%(M)				
耐電壓 Voltage Proof	$U_R \times 1.6$, 5s (DC)				
損耗因素 Dissipation Factor	≤ 1.0% at 1kHz, (1Vrms Max. at 20°C)				
絕緣電阻 Insulation Resistance	$U_R \leq 100V$, Voltage charge 10Vdc, 1 min, 20°C		$C_R \leq 0.33\mu F$, $IR \geq 3750M\Omega$ $C_R > 0.33\mu F$, $IR \times C_R \geq 1250s$		
	$U_R > 100V$, Voltage charge 100Vdc, 1 min, 20°C		$C_R \leq 0.33\mu F$, $IR \geq 7500M\Omega$ $C_R > 0.33\mu F$, $IR \times C_R \geq 2500s$		

Metallized Polyester Film Capacitor (Dipped)

■ 尺寸 Dimensions (mm)

63Vdc (40Vac)						
Cap. μF	W	H	T	P	d	Part number
0.12	10	7.0	4.0	7.5	0.6	SMEF_124+0063D*08**
0.15	10	7.8	4.1	7.5	0.6	SMEF_154+0063D*08**
0.18	10	7.5	3.9	7.5	0.6	SMEF_184+0063D*08**
0.22	10	7.8	4.1	7.5	0.6	SMEF_224+0063D*08**
0.27	10	8.1	4.5	7.5	0.6	SMEF_274+0063D*08**
0.33	10	7.7	4.1	7.5	0.6	SMEF_334+0063D*08**
0.39	10	8.0	4.3	7.5	0.6	SMEF_394+0063D*08**
0.47	10	8.3	4.6	7.5	0.6	SMEF_474+0063D*08**
0.56	10	8.6	5.0	7.5	0.6	SMEF_564+0063D*08**
0.68	10	9.0	5.4	7.5	0.6	SMEF_684+0063D*08**
0.82	12.5	8.6	5.0	10	0.6	SMEF_824+0063D*10**
1.0	12.5	9.0	5.4	10	0.6	SMEF_105+0063D*10**
1.2	12.5	9.5	5.9	10	0.6	SMEF_125+0063D*10**
1.5	12.5	10.1	6.5	10	0.6	SMEF_155+0063D*10**
1.8	12.5	10.7	7.1	10	0.6	SMEF_185+0063D*10**
2.2	17.5	11.4	6.1	15	0.8	SMEF_225+0063D*15**
2.7	17.5	11.9	6.7	15	0.8	SMEF_275+0063D*15**
3.3	17.5	12.5	7.3	15	0.8	SMEF_335+0063D*15**
3.9	17.5	13.6	7.9	15	0.8	SMEF_395+0063D*15**
4.7	25.5	14.4	7.6	22.5	0.8	SMEF_475+0063D*23**
5.6	25.5	14.9	7.7	22.5	0.8	SMEF_565+0063D*23**
6.8	25.5	15.6	8.3	22.5	0.8	SMEF_685+0063D*23**
8.2	25.5	16.4	9.6	22.5	0.8	SMEF_825+0063D*23**
10	25.5	17.2	10.5	22.5	0.8	SMEF_106+0063D*23**

100Vdc (63Vac)						
Cap. μF	W	H	T	P	d	Part number
0.12	10	7.0	4.0	7.5	0.6	SMEF_124+0100D*08**
0.15	10	7.8	4.1	7.5	0.6	SMEF_154+0100D*08**
0.18	10	7.5	3.9	7.5	0.6	SMEF_184+0100D*08**
0.22	10	7.8	4.1	7.5	0.6	SMEF_224+0100D*08**
0.27	10	8.1	4.5	7.5	0.6	SMEF_274+0100D*08**
0.33	10	8.5	4.8	7.5	0.6	SMEF_334+0100D*08**
0.39	10	8.8	5.2	7.5	0.6	SMEF_394+0100D*08**
0.47	10	9.2	5.6	7.5	0.6	SMEF_474+0100D*08**
0.56	12.5	8.8	5.2	10	0.6	SMEF_564+0100D*10**
0.68	12.5	9.3	5.6	10	0.6	SMEF_684+0100D*10**
0.82	12.5	9.7	6.1	10	0.6	SMEF_824+0100D*10**
1.0	12.5	10.3	6.6	10	0.6	SMEF_105+0100D*10**
1.2	12.5	10.9	7.2	10	0.6	SMEF_125+0100D*10**
1.5	12.5	11.6	8.0	10	0.6	SMEF_155+0100D*10**
1.8	17.5	13.6	6.3	15	0.8	SMEF_185+0100D*15**
2.2	17.5	14.2	6.9	15	0.8	SMEF_225+0100D*15**
2.7	17.5	14.9	7.6	15	0.8	SMEF_275+0100D*15**
3.3	17.5	15.7	8.4	15	0.8	SMEF_335+0100D*15**
3.9	17.5	16.4	9.1	15	0.8	SMEF_395+0100D*15**
4.7	25.5	17.0	8.1	22.5	0.8	SMEF_475+0100D*23**
5.6	25.5	17.7	8.8	22.5	0.8	SMEF_565+0100D*23**
6.8	25.5	18.5	10.2	22.5	0.8	SMEF_685+0100D*23**
8.2	25.5	19.5	11.1	22.5	0.8	SMEF_825+0100D*23**
10	25.5	21.5	11.6	22.5	0.8	SMEF_106+0100D*23**

(1) The symbol + means capacitance tolerance ($J=\pm 5\%$, $K=\pm 10\%$)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length

Metallized Polyester Film Capacitor (Dipped)

■ 尺寸 Dimensions (mm)

250Vdc (160Vac)						
Cap. μF	W	H	T	P	d	Part number
0.010	10	6.5	3.5	7.5	0.6	SMEF_103+0250D*08**
0.012	10	6.7	3.7	7.5	0.6	SMEF_123+0250D*08**
0.015	10	7.4	3.8	7.5	0.6	SMEF_153+0250D*08**
0.018	10	7.6	4.0	7.5	0.6	SMEF_183+0250D*08**
0.022	10	7.4	3.8	7.5	0.6	SMEF_223+0250D*08**
0.027	10	7.7	4.1	7.5	0.6	SMEF_273+0250D*08**
0.033	10	7.3	3.7	7.5	0.6	SMEF_333+0250D*08**
0.039	10	7.5	3.9	7.5	0.6	SMEF_393+0250D*08**
0.047	10	7.8	4.1	7.5	0.6	SMEF_473+0250D*08**
0.056	10	8.0	4.4	7.5	0.6	SMEF_563+0250D*08**
0.068	10	7.5	3.9	7.5	0.6	SMEF_683+0250D*08**
0.082	10	7.8	4.1	7.5	0.6	SMEF_823+0250D*08**
0.10	10	8.1	4.4	7.5	0.6	SMEF_104+0250D*08**
0.12	10	8.4	4.8	7.5	0.6	SMEF_124+0250D*08**
0.15	10	8.8	5.2	7.5	0.6	SMEF_154+0250D*08**
0.18	12.5	8.9	4.5	10	0.6	SMEF_184+0250D*10**
0.22	12.5	9.3	4.8	10	0.6	SMEF_224+0250D*10**
0.27	12.5	9.7	5.3	10	0.6	SMEF_274+0250D*10**
0.33	12.5	10.7	5.5	10	0.6	SMEF_334+0250D*10**
0.39	17.5	10.4	5.2	15	0.8	SMEF_394+0250D*15**
0.47	17.5	10.8	5.6	15	0.8	SMEF_474+0250D*15**
0.56	17.5	12.3	5.5	15	0.8	SMEF_564+0250D*15**
0.68	17.5	12.8	6.0	15	0.8	SMEF_684+0250D*15**
0.82	17.5	13.8	6.5	15	0.8	SMEF_824+0250D*15**
1.0	17.5	14.4	7.1	15	0.8	SMEF_105+0250D*15**
1.2	17.5	15.0	7.7	15	0.8	SMEF_125+0250D*15**
1.5	17.5	15.9	9.1	15	0.8	SMEF_155+0250D*15**
1.8	17.5	16.2	9.9	15	0.8	SMEF_185+0250D*15**
2.2	25.5	15.6	8.8	22.5	0.8	SMEF_225+0250D*23**
2.7	25.5	16.5	9.7	22.5	0.8	SMEF_275+0250D*23**
3.3	25.5	17.4	10.6	22.5	0.8	SMEF_335+0250D*23**

250Vdc (160Vac)						
Cap. μF	W	H	T	P	d	Part number
3.9	25.5	19.2	10.9	22.5	0.8	SMEF_395+0250D*23**
4.7	25.5	20.3	11.9	22.5	0.8	SMEF_475+0250D*23**
5.6	30.5	20.4	12.1	27.5	0.8	SMEF_565+0250D*28**
6.8	30.5	21.6	13.3	27.5	0.8	SMEF_685+0250D*28**
8.2	30.5	22.9	14.5	27.5	0.8	SMEF_825+0250D*28**
10	30.5	24.4	16.0	27.5	0.8	SMEF_106+0250D*28**

400Vdc (200Vac)						
Cap. μF	W	H	T	P	d	Part number
0.010	10	6.9	3.9	7.5	0.6	SMEF_103+0400D*08**
0.012	10	7.1	4.1	7.5	0.6	SMEF_123+0400D*08**
0.015	10	7.5	4.4	7.5	0.6	SMEF_153+0400D*08**
0.018	10	7.3	3.7	7.5	0.6	SMEF_183+0400D*08**
0.022	10	7.5	3.9	7.5	0.6	SMEF_223+0400D*08**
0.027	10	7.8	4.2	7.5	0.6	SMEF_273+0400D*08**
0.033	10	8.1	4.5	7.5	0.6	SMEF_333+0400D*08**
0.039	10	8.2	4.6	7.5	0.6	SMEF_393+0400D*08**
0.047	10	8.6	4.9	7.5	0.6	SMEF_473+0400D*08**
0.056	12.5	8.8	4.3	10	0.6	SMEF_563+0400D*10**
0.068	12.5	9.1	4.7	10	0.6	SMEF_683+0400D*10**
0.10	12.5	9.9	5.4	10	0.6	SMEF_104+0400D*10**
0.12	12.5	10.3	5.9	10	0.6	SMEF_124+0400D*10**
0.15	17.5	10.6	5.4	15	0.8	SMEF_154+0400D*15**
0.18	17.5	11.0	5.8	15	0.8	SMEF_184+0400D*15**
0.22	17.5	11.5	6.3	15	0.8	SMEF_224+0400D*15**
0.27	17.5	12.0	6.8	15	0.8	SMEF_274+0400D*15**
0.33	17.5	12.7	7.4	15	0.8	SMEF_334+0400D*15**
0.39	17.5	13.7	8.0	15	0.8	SMEF_394+0400D*15**
0.47	17.5	14.4	9.2	15	0.8	SMEF_474+0400D*15**
0.56	17.5	15.1	9.9	15	0.8	SMEF_564+0400D*15**

Metallized Polyester Film Capacitor (Dipped)

■ 尺寸 Dimensions (mm)

400Vdc (200Vac)						
Cap. μF	W	H	T	P	d	Part number
0.68	17.5	16.0	10.8	15	0.8	SMEF_684+0400D*15**
0.82	17.5	17.0	11.8	15	0.8	SMEF_824+0400D*15**
1.0	25.5	17.5	9.1	22.5	0.8	SMEF_105+0400D*23**
1.2	25.5	18.3	9.9	22.5	0.8	SMEF_125+0400D*23**
1.5	25.5	19.4	11.0	22.5	0.8	SMEF_155+0400D*23**
1.8	30.5	19.1	10.8	27.5	0.8	SMEF_185+0400D*28**
2.2	30.5	21.2	11.3	27.5	0.8	SMEF_225+0400D*28**
2.7	30.5	22.4	12.5	27.5	0.8	SMEF_275+0400D*28**
3.3	30.5	23.8	13.9	27.5	0.8	SMEF_335+0400D*28**
3.9	30.5	25.1	15.1	27.5	0.8	SMEF_395+0400D*28**
4.7	30.5	26.6	16.7	27.5	0.8	SMEF_475+0400D*28**

630Vdc (220Vac)						
Cap. μF	W	H	T	P	d	Part number
0.010	12.5	7.4	3.8	10	0.6	SMEF_103+0630D*10**
0.012	12.5	7.6	4.0	10	0.6	SMEF_123+0630D*10**
0.015	12.5	7.7	4.0	10	0.6	SMEF_153+0630D*10**
0.018	12.5	7.9	4.2	10	0.6	SMEF_183+0630D*10**
0.022	12.5	8.2	4.5	10	0.6	SMEF_223+0630D*10**
0.027	12.5	8.5	4.9	10	0.6	SMEF_273+0630D*10**
0.033	12.5	8.9	5.2	10	0.6	SMEF_333+0630D*10**
0.039	12.5	9.2	5.6	10	0.6	SMEF_393+0630D*10**
0.047	12.5	9.7	6.0	10	0.6	SMEF_473+0630D*10**
0.056	12.5	10.1	6.5	10	0.6	SMEF_563+0630D*10**
0.068	12.5	10.7	7.0	10	0.6	SMEF_683+0630D*10**
0.082	12.5	11.3	7.6	10	0.6	SMEF_823+0630D*10**
0.10	17.5	11.5	6.3	15	0.8	SMEF_104+0630D*15**
0.12	17.5	12.0	6.8	15	0.8	SMEF_124+0630D*15**
0.15	17.5	12.7	7.5	15	0.8	SMEF_154+0630D*15**
0.18	17.5	13.8	8.1	15	0.8	SMEF_184+0630D*15**

630Vdc (220Vac)						
Cap. μF	W	H	T	P	d	Part number
0.22	17.5	14.5	9.3	15	0.8	SMEF_224+0630D*15**
0.27	17.5	15.4	10.2	15	0.8	SMEF_274+0630D*15**
0.33	17.5	16.3	11.1	15	0.8	SMEF_334+0630D*15**
0.39	17.5	17.2	12.0	15	0.8	SMEF_394+0630D*15**
0.47	25.5	16.4	9.7	22.5	0.8	SMEF_474+0630D*23**
0.56	25.5	17.2	10.5	22.5	0.8	SMEF_564+0630D*23**
0.68	25.5	18.2	11.4	22.5	0.8	SMEF_684+0630D*23**
0.82	25.5	19.3	12.5	22.5	0.8	SMEF_824+0630D*23**
1.0	30.5	19.9	11.6	27.5	0.8	SMEF_105+0630D*28**
1.2	30.5	22.0	12.6	27.5	0.8	SMEF_125+0630D*28**
1.5	30.5	22.5	14.1	27.5	0.8	SMEF_155+0630D*28**
1.8	30.5	23.8	15.5	27.5	0.8	SMEF_185+0630D*28**
2.2	30.5	25.5	17.1	27.5	0.8	SMEF_225+0630D*28**

(1) The symbol + means capacitance tolerance (J=±5%, K=±10%)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length

Metallized Polyester Film Capacitor (Dipped)

■ 尺寸 Dimensions (mm)

1000Vdc (250Vac)						
Cap. μF	W	H	T	P	D	Part number
0.0010	10	8.5	4.0	7.5	0.6	SMEF_102+1000D*08**
0.0012	10	8.7	4.3	7.5	0.6	SMEF_122+1000D*08**
0.0015	10	8.5	4.1	7.5	0.6	SMEF_152+1000D*08**
0.0018	10	8.7	4.3	7.5	0.6	SMEF_182+1000D*08**
0.0022	10	8.5	4.1	7.5	0.6	SMEF_222+1000D*08**
0.0027	10	8.8	4.4	7.5	0.6	SMEF_272+1000D*08**
0.0033	10	8.7	4.3	7.5	0.6	SMEF_332+1000D*08**
0.0039	10	8.9	4.5	7.5	0.6	SMEF_392+1000D*08**
0.0047	10	9.3	4.8	7.5	0.6	SMEF_472+1000D*08**
0.0056	12.5	8.5	4.1	10	0.6	SMEF_562+1000D*10**
0.0068	12.5	8.8	4.4	10	0.6	SMEF_682+1000D*10**
0.0082	12.5	9.1	4.7	10	0.6	SMEF_822+1000D*10**
0.010	12.5	9.4	5.0	10	0.6	SMEF_103+1000D*10**
0.012	12.5	9.8	5.4	10	0.6	SMEF_123+1000D*10**
0.015	12.5	10.8	5.6	10	0.6	SMEF_153+1000D*10**
0.018	12.5	11.3	6.1	10	0.6	SMEF_183+1000D*10**
0.022	12.5	11.9	6.7	10	0.6	SMEF_223+1000D*10**
0.027	17.5	11.8	5.0	15	0.8	SMEF_273+1000D*15**
0.033	17.5	12.3	5.5	15	0.8	SMEF_333+1000D*15**
0.039	17.5	12.7	5.9	15	0.8	SMEF_393+1000D*15**
0.047	17.5	13.2	6.5	15	0.8	SMEF_473+1000D*15**
0.056	17.5	13.8	7.0	15	0.8	SMEF_563+1000D*15**
0.068	17.5	14.5	7.7	15	0.8	SMEF_683+1000D*15**
0.082	17.5	15.2	8.5	15	0.8	SMEF_823+1000D*15**
0.10	17.5	16.6	9.7	15	0.8	SMEF_104+1000D*15**
0.12	25.5	15.3	8.3	22.5	0.8	SMEF_124+1000D*23**
0.15	25.5	16.2	9.2	22.5	0.8	SMEF_154+1000D*23**
0.18	25.5	17.1	10.1	22.5	0.8	SMEF_184+1000D*23**
0.22	25.5	18.1	11.1	22.5	0.8	SMEF_224+1000D*23**
0.27	25.5	20.2	11.7	22.5	0.8	SMEF_274+1000D*23**
0.33	30.5	20.1	11.6	27.5	0.8	SMEF_334+1000D*28**

1250Vdc (250Vac)						
Cap. μF	W	H	T	P	d	Part number
0.0010	9.8	8.5	4.0	7.5	0.6	SMEF_102+1250D*08**
0.0012	9.8	8.7	4.3	7.5	0.6	SMEF_122+1250D*08**
0.0015	9.8	8.5	4.1	7.5	0.6	SMEF_152+1250D*08**
0.0018	9.8	8.7	4.3	7.5	0.6	SMEF_182+1250D*08**
0.0022	9.8	8.5	4.1	7.5	0.6	SMEF_222+1250D*08**
0.0027	9.8	8.8	4.4	7.5	0.6	SMEF_272+1250D*08**
0.0033	9.8	9.1	4.7	7.5	0.6	SMEF_332+1250D*08**
0.0039	9.8	9.4	5.0	7.5	0.6	SMEF_392+1250D*08**
0.0047	12.3	8.7	4.2	10	0.6	SMEF_472+1250D*10**
0.0056	12.3	8.9	4.5	10	0.6	SMEF_562+1250D*10**
0.0068	12.3	9.2	4.8	10	0.6	SMEF_682+1250D*10**
0.0082	17.5	9.0	4.6	15	0.8	SMEF_822+1250D*15**
0.010	17.5	9.4	5.0	15	0.8	SMEF_103+1250D*15**
0.012	17.5	9.1	4.7	15	0.8	SMEF_123+1250D*15**
0.015	17.5	9.5	5.1	15	0.8	SMEF_153+1250D*15**
0.018	17.5	9.9	5.4	15	0.8	SMEF_183+1250D*15**
0.022	17.5	10.3	5.9	15	0.8	SMEF_223+1250D*15**
0.027	25.2	9.7	5.2	22.5	0.8	SMEF_273+1250D*23**
0.033	25.2	10.1	5.7	22.5	0.8	SMEF_333+1250D*23**
0.039	25.2	10.5	6.1	22.5	0.8	SMEF_393+1250D*23**
0.047	25.2	11.0	6.6	22.5	0.8	SMEF_473+1250D*23**
0.056	30.2	11.4	6.2	27.5	0.8	SMEF_563+1250D*28**
0.068	30.2	12.0	6.7	27.5	0.8	SMEF_683+1250D*28**
0.082	30.2	12.6	7.3	27.5	0.8	SMEF_823+1250D*28**
0.10	30.2	14.8	7.8	27.5	0.8	SMEF_104+1250D*28**
0.12	30.2	15.4	8.5	27.5	0.8	SMEF_124+1250D*28**
0.15	30.2	16.4	9.4	27.5	0.8	SMEF_154+1250D*28**
0.18	30.2	18.3	9.7	27.5	0.8	SMEF_184+1250D*28**
0.22	30.2	19.3	10.7	27.5	0.8	SMEF_224+1250D*28**

(1) The symbol + means capacitance tolerance (J=±5%, K=±10%)

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length