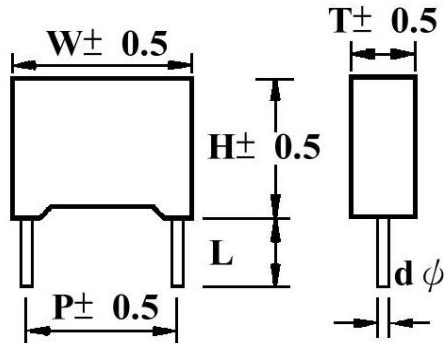


双面金属化聚丙烯膜电容器 (盒装型) SMMC series

■ 外觀圖 Outline Drawing



■ 主要用途:

廣泛應用於高壓、高頻脈沖電路中  
電視機中 S 校正和行逆程波形及顯示器

電子鎮流器和節能燈  
吸收和 SCR 整流電路

■ 特點:

双面金属化聚丙烯膜  
損耗小, 內部溫升小  
負電容量溫度系數  
優異的阻燃性能

■ Typical Applications

Widely used in high voltage, high frequency and pulse circuit  
Deflection circuits in TV sets(S-correction and fly-back tuning)  
and monitors

Lamp capacitor for electronic ballast and compact lamps  
SNUBBER and SCR commutation circuits

■ Features

Double sided metalized polypropylene film  
Low loss and small inherent temperature rise  
Negative temperature coefficient of capacitance  
Excellent active and passive flame resistant circuit

■ 技術要求 Specifications

引用標準 Reference Standard	GB/T 10190 (IEC 60384-16)	
氣候類別 Climatic Category	40/105/56	
工作溫度範圍 Operating Temperature Range	85°C for UR (dc) ; 75°C for UR (ac)	
電容量範圍 Capacitance Range	0.001uF ~ 0.12uF	
額定電壓 Rated (DC) Voltage	630Vdc , 1000Vdc , 1250Vdc , 1600Vdc , 2000Vdc	
電容偏差 Capacitance Tolerance	±3%(H) 、 ±5%(J) 、 ±10%(K) 、 ±20%(M)	
承受電壓 Voltage Proof	1.6UR (5s)	
損耗角 Dissipation Factor	≤ 0.1% (20°C, 1kHz)	
絕緣電阻 Insulation Resistance	UR ≤ 100V	C <sub>R</sub> ≤ 0.33uF IR ≥ 100,000MΩ C <sub>R</sub> > 0.33uF IR ≥ 30,000MΩ/Cap(μF)

Double Sided -  
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■ 外型尺寸表 Dimensions (mm)

630Vdc (250Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.0056	18	11	5	15	0.8	SMMC_562+0630D*15**
0.0068	18	11	5	15	0.8	SMMC_682+0630D*15**
0.0082	18	11	5	15	0.8	SMMC_822+0630D*15**
0.010	18	12	6	15	0.8	SMMC_103+0630D*15**
0.012	18	12	6	15	0.8	SMMC_123+0630D*15**
0.015	18	13.5	7.5	15	0.8	SMMC_153+0630D*15**
0.018	18	13.5	7.5	15	0.8	SMMC_183+0630D*15**
0.022	18	14.5	8.5	15	0.8	SMMC_223+0630D*15**
0.025	18	14.5	8.5	15	0.8	SMMC_253+0630D*15**
0.027	18	15.5	9.5	15	0.8	SMMC_273+0630D*15**
0.030	18	15.5	9.5	15	0.8	SMMC_303+0630D*15**
0.033	26.5	16.5	7	22.5	0.8	SMMC_333+0630D*23**
0.039	26.5	16.5	7	22.5	0.8	SMMC_393+0630D*23**
0.047	26.5	17	8.5	22.5	0.8	SMMC_473+0630D*23**
0.056	26.5	17	8.5	22.5	0.8	SMMC_563+0630D*23**
0.068	26.5	19	10	22.5	0.8	SMMC_683+0630D*23**
0.082	26.5	19	10	22.5	0.8	SMMC_823+0630D*23**
0.10	26.5	19	10	22.5	0.8	SMMC_104+0630D*23**

1000Vdc (400Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.0056	18	11	5	15	0.8	SMMC_562+1000D*15**
0.0068	18	11	5	15	0.8	SMMC_682+1000D*15**
0.0082	18	11	5	15	0.8	SMMC_822+1000D*15**
0.010	18	12	6	15	0.8	SMMC_103+1000D*15**
0.012	18	12	6	15	0.8	SMMC_123+1000D*15**
0.015	18	13.5	7.5	15	0.8	SMMC_153+1000D*15**
0.018	18	13.5	7.5	15	0.8	SMMC_183+1000D*15**
0.022	18	14.5	8.5	15	0.8	SMMC_223+1000D*15**
0.025	18	14.5	8.5	15	0.8	SMMC_253+1000D*15**
0.027	18	15.5	9.5	15	0.8	SMMC_273+1000D*15**
0.030	18	15.5	9.5	15	0.8	SMMC_303+1000D*15**
0.033	26.5	16.5	7	22.5	0.8	SMMC_333+1000D*23**
0.039	26.5	16.5	7	22.5	0.8	SMMC_393+1000D*23**
0.047	26.5	17	8.5	22.5	0.8	SMMC_473+1000D*23**
0.056	26.5	17	8.5	22.5	0.8	SMMC_563+1000D*23**
0.068	26.5	19	10	22.5	0.8	SMMC_683+1000D*23**
0.082	26.5	19	10	22.5	0.8	SMMC_823+1000D*23**
0.10	26.5	19	10	22.5	0.8	SMMC_104+1000D*23**

\_ = Internal use

+ = Capacitance tolerance: K=±10%, J=±5%

\* = Lead forming

\*\* = Lead length

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■ 外型尺寸表 Dimensions (mm)

1250Vdc (440Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.0010	18	11	5	15	0.8	SMMC_102+1250D*15**
0.0012	18	11	5	15	0.8	SMMC_122+1250D*15**
0.0015	18	11	5	15	0.8	SMMC_152+1250D*15**
0.0018	18	11	5	15	0.8	SMMC_182+1250D*15**
0.0022	18	11	5	15	0.8	SMMC_222+1250D*15**
0.0027	18	11	5	15	0.8	SMMC_272+1250D*15**
0.0033	18	11	5	15	0.8	SMMC_332+1250D*15**
0.0039	18	11	5	15	0.8	SMMC_392+1250D*15**
0.0047	18	11	5	15	0.8	SMMC_472+1250D*15**
0.0056	18	12	6	15	0.8	SMMC_562+1250D*15**
0.0068	18	12	6	15	0.8	SMMC_682+1250D*15**
0.0082	18	12	6	15	0.8	SMMC_822+1250D*15**
0.010	18	13.5	7.5	15	0.8	SMMC_103+1250D*15**
0.012	18	13.5	7.5	15	0.8	SMMC_123+1250D*15**
0.015	18	14.5	8.5	15	0.8	SMMC_153+1250D*15**
0.018	18	15.5	9.5	15	0.8	SMMC_183+1250D*15**
0.022	18	15.5	9.5	15	0.8	SMMC_223+1250D*15**
0.025	26.5	16	7	22.5	0.8	SMMC_253+1250D*23**
0.027	26.5	16	7	22.5	0.8	SMMC_273+1250D*23**
0.033	26.5	17	8.5	22.5	0.8	SMMC_333+1250D*23**
0.039	26.5	17	8.5	22.5	0.8	SMMC_393+1250D*23**
0.047	26.5	19	10	22.5	0.8	SMMC_473+1250D*23**
0.056	26.5	19	10	22.5	0.8	SMMC_563+1250D*23**
0.068	26.5	19.5	10.8	22.5	0.8	SMMC_683+1250D*23**
0.082	26.5	19.5	10.8	22.5	0.8	SMMC_823+1250D*23**
0.10	26.5	21.5	13	22.5	0.8	SMMC_104+1250D*23**

1600Vdc (500Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.0010	18	11	5	15	0.8	SMMC_102+1600D*15**
0.0012	18	11	5	15	0.8	SMMC_122+1600D*15**
0.0015	18	11	5	15	0.8	SMMC_152+1600D*15**
0.0018	18	11	5	15	0.8	SMMC_182+1600D*15**
0.0022	18	11	5	15	0.8	SMMC_222+1600D*15**
0.0027	18	11	5	15	0.8	SMMC_272+1600D*15**
0.0033	18	11	5	15	0.8	SMMC_332+1600D*15**
0.0039	18	11	5	15	0.8	SMMC_392+1600D*15**
0.0047	18	11	5	15	0.8	SMMC_472+1600D*15**
0.0056	18	12	6	15	0.8	SMMC_562+1600D*15**
0.0068	18	12	6	15	0.8	SMMC_682+1600D*15**
0.0082	18	12	6	15	0.8	SMMC_822+1600D*15**
0.010	18	13.5	7.5	15	0.8	SMMC_103+1600D*15**
0.012	18	13.5	7.5	15	0.8	SMMC_123+1600D*15**
0.015	18	14.5	8.5	15	0.8	SMMC_153+1600D*15**
0.018	18	15.5	9.5	15	0.8	SMMC_183+1600D*15**
0.022	18	15.5	9.5	15	0.8	SMMC_223+1600D*15**
0.025	26.5	16	7	22.5	0.8	SMMC_253+1600D*23**
0.027	26.5	16	7	22.5	0.8	SMMC_273+1600D*23**
0.033	26.5	17	8.5	22.5	0.8	SMMC_333+1600D*23**
0.039	26.5	17	8.5	22.5	0.8	SMMC_393+1600D*23**
0.047	26.5	19	10	22.5	0.8	SMMC_473+1600D*23**
0.056	26.5	19	10	22.5	0.8	SMMC_563+1600D*23**
0.068	31.5	19.5	10.8	22.5	0.8	SMMC_683+1600D*23**
0.082	31.5	19.5	10.8	22.5	0.8	SMMC_823+1600D*23**
0.10	31.5	21.5	13	22.5	0.8	SMMC_104+1600D*23**

\_ = Internal use

+ = Capacitance tolerance: K=±10%, J=±5%

\* = Lead forming

\*\* = Lead length

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■ 外型尺寸表 Dimensions (mm)

2000Vdc (700Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.0010	18	11	5	15	0.8	SMMC_102+2000D*15**
0.0012	18	11	5	15	0.8	SMMC_122+2000D*15**
0.0015	18	11	5	15	0.8	SMMC_152+2000D*15**
0.0018	18	11	5	15	0.8	SMMC_182+2000D*15**
0.0022	18	11	5	15	0.8	SMMC_222+2000D*15**
0.0027	18	11	5	15	0.8	SMMC_272+2000D*15**
0.0033	18	11	5	15	0.8	SMMC_332+2000D*15**
0.0039	18	11	5	15	0.8	SMMC_392+2000D*15**
0.0047	18	11	5	15	0.8	SMMC_472+2000D*15**
0.0056	18	12	6	15	0.8	SMMC_562+2000D*15**
0.0068	18	12	6	15	0.8	SMMC_682+2000D*15**
0.0082	18	12	6	15	0.8	SMMC_822+2000D*15**
0.010	18	13.5	7.5	15	0.8	SMMC_103+2000D*15**
0.012	18	13.5	7.5	15	0.8	SMMC_123+2000D*15**
0.015	18	14.5	8.5	15	0.8	SMMC_153+2000D*15**
0.018	18	15.5	9.5	15	0.8	SMMC_183+2000D*15**
0.022	18	15.5	9.5	15	0.8	SMMC_223+2000D*15**
0.018	26.5	17	8.5	22.5	0.8	SMMC_183+2000D*23**
0.022	26.5	17	8.5	22.5	0.8	SMMC_223+2000D*23**
0.027	26.5	19	10	22.5	0.8	SMMC_273+2000D*23**
0.033	26.5	19	10	22.5	0.8	SMMC_333+2000D*23**
0.039	26.5	22	12	22.5	0.8	SMMC_393+2000D*23**
0.047	26.5	22	12	22.5	0.8	SMMC_473+2000D*23**
0.056	26.5	22	12	22.5	0.8	SMMC_563+2000D*23**

2000Vdc (700Vac)						
容量 μF	W	H	T	P	d	產品代碼 Part number
0.018	31.5	19.5	10.8	27.5	0.8	SMMC_183+2000D*28**
0.022	31.5	19.5	10.8	27.5	0.8	SMMC_223+2000D*28**
0.027	31.5	19.5	10.8	27.5	0.8	SMMC_273+2000D*28**
0.033	31.5	19.5	10.8	27.5	0.8	SMMC_333+2000D*28**
0.039	31.5	19.5	10.8	27.5	0.8	SMMC_393+2000D*28**
0.047	31.5	21.5	13	27.5	0.8	SMMC_473+2000D*28**
0.056	31.5	21.5	13	27.5	0.8	SMMC_563+2000D*28**
0.068	31.5	21.5	13	27.5	0.8	SMMC_683+2000D*28**
0.082	31	25	14	27.5	0.8	SMMC_823+2000D*28**
0.10	31	25	14	27.5	0.8	SMMC_104+2000D*28**
0.12	31	25	14	27.5	0.8	SMMC_124+2000D*28**

\_ = Internal use

+ = Capacitance tolerance: K=±10%, J=±5%

\* = Lead forming

\*\* = Lead length