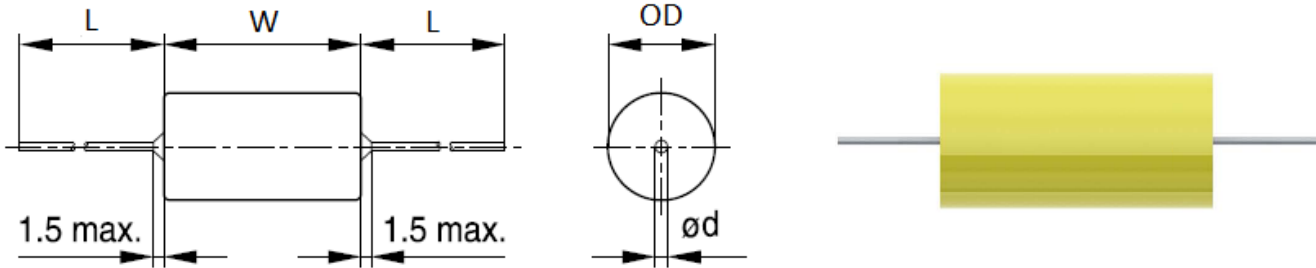


Metallized Polyester Film Capacitor (Axial-Cylindrical)

■ 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

■ Typical Applications

Suitable for blocking, by-pass and coupling of DC

■ 特徵

金屬化聚酯薄膜，捲繞結構  
 體積小、重量輕、自愈性好  
 用聚酯膠帶包裹，末端填充

■ Features

Metalized polyester film, wound construction  
 Small size, light weight, excellent self-healing property  
 Wrapped with polyester adhesive tape and ends filled

■ 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 <sub>R</sub> )					
容值範圍 Capacitance Range	0.001µF ~ 10µF					
額定直流電壓 Rated (DC) Voltage	50/63V	100V	250V	400V	630V	1000V
連續交流電壓 Maximum continuous AC voltage	40V	63V	160V	200V	220V	250V
容值公差 Capacitance Tolerance	±5%(J)、±10%(K)、±20%(M)					
耐電壓 Voltage Proof	U <sub>R</sub> × 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 <sub>R</sub> ≤ 100V, Voltage charge 10Vdc, 1 min, 20°C			C <sub>R</sub> ≤ 0.33µF, IR ≥ 3750MΩ C <sub>R</sub> > 0.33µF, IR × C <sub>R</sub> ≥ 1250s		
	U <sub>R</sub> > 100V, Voltage charge 100Vdc, 1 min, 20°C			C <sub>R</sub> ≤ 0.33µF, IR ≥ 7500MΩ C <sub>R</sub> > 0.33µF, IR × C <sub>R</sub> ≥ 2500s		

■ 尺寸 Dimensions (mm)

50/63Vdc (40Vac)				
Cap. μF	D	L	d	Part number
0.33	5.2	12	0.6	PMET_334+0063D*12**
0.39	5.5	12	0.6	PMET_394+0063D*12**
0.47	5.5	14.5	0.6	PMET_474+0063D*15**
0.56	6	14.5	0.6	PMET_564+0063D*15**
0.68	6	14.5	0.6	PMET_684+0063D*15**
0.82	6.5	14.5	0.6	PMET_824+0063D*15**
1.0	7	14.5	0.8	PMET_105+0063D*15**
1.2	7	14.5	0.8	PMET_125+0063D*15**
1.5	6.7	20	0.8	PMET_155+0063D*20**
1.8	7	20	0.8	PMET_185+0063D*20**
2.2	7.5	20	0.8	PMET_225+0063D*20**
2.7	8.5	20	0.8	PMET_275+0063D*20**
3.3	9	20	0.8	PMET_335+0063D*20**
3.9	9.5	20	0.8	PMET_395+0063D*20**
4.7	8.5	27.5	0.8	PMET_475+0063D*28**
5.6	9	27.5	0.8	PMET_565+0063D*28**
6.8	10	27.5	0.8	PMET_685+0063D*28**
8.2	10.5	27.5	0.8	PMET_825+0063D*28**
10	11	27.5	0.8	PMET_106+0063D*28**

100Vdc (63Vac)				
Cap. μF	D	L	d	Part number
0.068	5.2	12	0.6	PMET_683+0100D*12**
0.082	5.2	12	0.6	PMET_823+0100D*12**
0.10	5.2	12	0.6	PMET_104+0100D*12**
0.12	5.2	12	0.6	PMET_124+0100D*12**
0.15	5.2	12	0.6	PMET_154+0100D*12**
0.18	5.2	12	0.6	PMET_184+0100D*12**
0.22	5.2	12	0.6	PMET_224+0100D*12**
0.27	5.2	12	0.6	PMET_274+0100D*12**
0.33	6	14.5	0.6	PMET_334+0100D*15**
0.39	6	14.5	0.6	PMET_394+0100D*15**
0.47	6	14.5	0.6	PMET_474+0100D*15**
0.56	6	14.5	0.6	PMET_564+0100D*15**
0.68	6.8	14.5	0.8	PMET_684+0100D*15**
0.82	7	14.5	0.8	PMET_824+0100D*15**
1.0	7	20	0.8	PMET_105+0100D*20**
1.2	7	20	0.8	PMET_125+0100D*20**
1.5	8	20	0.8	PMET_155+0100D*20**
1.8	8.5	20	0.8	PMET_185+0100D*20**
2.2	9	20	0.8	PMET_225+0100D*20**
2.7	9.5	20	0.8	PMET_275+0100D*20**
3.3	9.5	27.5	0.8	PMET_335+0100D*28**
3.9	9.5	27.5	0.8	PMET_395+0100D*28**
4.7	10	33	0.8	PMET_475+0100D*33**
5.6	10.5	33	0.8	PMET_565+0100D*33**
6.8	11.5	33	0.8	PMET_685+0100D*33**
8.2	12.5	33	0.8	PMET_825+0100D*33**
10	13.5	33	0.8	PMET_106+0100D*33**

(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



■ 尺寸 Dimensions (mm)

250Vdc (160Vac)				
Cap. μF	D	L	d	Part number
0.047	5.2	12	0.6	PMET_473+0250D*12**
0.056	5.2	12	0.6	PMET_563+0250D*12**
0.068	5.2	12	0.6	PMET_683+0250D*12**
0.082	5.2	12	0.6	PMET_823+0250D*12**
0.10	5.5	14.5	0.6	PMET_104+0250D*15**
0.12	5.5	14.5	0.6	PMET_124+0250D*15**
0.15	5.5	14.5	0.6	PMET_154+0250D*15**
0.18	5.5	14.5	0.6	PMET_184+0250D*15**
0.22	6	14.5	0.6	PMET_224+0250D*15**
0.27	6.5	14.5	0.6	PMET_274+0250D*15**
0.33	6.5	20	0.6	PMET_334+0250D*20**
0.39	6.5	20	0.6	PMET_394+0250D*20**
0.47	7	20	0.8	PMET_474+0250D*20**
0.56	7.5	20	0.8	PMET_564+0250D*20**
0.68	8	20	0.8	PMET_684+0250D*20**
0.82	8.5	20	0.8	PMET_824+0250D*20**
1.0	9	20	0.8	PMET_105+0250D*20**
1.2	8.5	27.5	0.8	PMET_125+0250D*28**
1.5	9	27.5	0.8	PMET_155+0250D*28**
1.8	9.5	27.5	0.8	PMET_185+0250D*28**
2.2	11	33	0.8	PMET_225+0250D*33**
2.7	12	33	0.8	PMET_275+0250D*33**
3.3	13	33	0.8	PMET_335+0250D*33**
3.9	14.5	33	0.8	PMET_395+0250D*33**
4.7	15.5	33	0.8	PMET_475+0250D*33**
5.6	16.5	33	0.8	PMET_565+0250D*33**
6.8	18.5	33	0.8	PMET_685+0250D*33**
8.2	20	33	0.8	PMET_825+0250D*33**
10	22	33	0.8	PMET_106+0250D*33**

400Vdc (200Vac)				
Cap. μF	D	L	d	Part number
0.010	5.2	12	0.6	PMET_103+0400D*12**
0.012	5.2	12	0.6	PMET_123+0400D*12**
0.015	5.2	12	0.6	PMET_153+0400D*12**
0.018	5.2	12	0.6	PMET_183+0400D*12**
0.022	5.2	12	0.6	PMET_223+0400D*12**
0.033	5.2	12	0.6	PMET_333+0400D*12**
0.039	5.2	14.5	0.6	PMET_393+0400D*15**
0.047	6.5	14.5	0.6	PMET_473+0400D*15**
0.056	6.5	14.5	0.6	PMET_563+0400D*15**
0.068	6.5	14.5	0.6	PMET_683+0400D*15**
0.082	7	14.5	0.8	PMET_823+0400D*15**
0.10	7.5	14.5	0.8	PMET_104+0400D*15**
0.12	8	14.5	0.8	PMET_124+0400D*15**
0.15	7	20	0.8	PMET_154+0400D*20**
0.18	7	20	0.8	PMET_184+0400D*20**
0.22	7.5	20	0.8	PMET_224+0400D*20**
0.27	8	20	0.8	PMET_274+0400D*20**
0.33	9	20	0.8	PMET_334+0400D*20**
0.39	9.5	20	0.8	PMET_394+0400D*20**
0.47	8.5	27.5	0.8	PMET_474+0400D*28**
0.56	9	27.5	0.8	PMET_564+0400D*28**
0.68	10	27.5	0.8	PMET_684+0400D*28**
0.82	10.5	27.5	0.8	PMET_824+0400D*28**
1.0	10.5	33	0.8	PMET_105+0400D*33**
1.2	11.5	33	0.8	PMET_125+0400D*33**
1.5	12.5	33	0.8	PMET_155+0400D*33**
1.8	13.5	33	0.8	PMET_185+0400D*33**
2.2	14.5	33	0.8	PMET_225+0400D*33**
2.7	16	33	0.8	PMET_275+0400D*33**
3.3	17.5	33	0.8	PMET_335+0400D*33**

(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

■ 尺寸 Dimensions (mm)

630Vdc (220Vac)				
Cap. μF	D	L	d	Part number
0.0010	5.2	12	0.6	PMET_102+0630D*12**
0.0033	5.2	12	0.6	PMET_332+0630D*12**
0.0047	5.2	12	0.6	PMET_472+0630D*12**
0.0056	5.2	12	0.6	PMET_562+0630D*12**
0.0068	6	12	0.6	PMET_682+0630D*12**
0.0082	6	12	0.6	PMET_822+0630D*12**
0.010	6	14.5	0.6	PMET_103+0630D*15**
0.015	6.5	14.5	0.6	PMET_153+0630D*15**
0.018	7	14.5	0.8	PMET_183+0630D*15**
0.022	7.5	14.5	0.8	PMET_223+0630D*15**
0.027	8	14.5	0.8	PMET_273+0630D*15**
0.033	7	20	0.8	PMET_333+0630D*20**
0.039	7.5	20	0.8	PMET_393+0630D*20**
0.047	7.5	20	0.8	PMET_473+0630D*20**
0.056	8	20	0.8	PMET_563+0630D*20**
0.068	8.5	20	0.8	PMET_683+0630D*20**
0.082	9	20	0.8	PMET_823+0630D*20**
0.10	8	27.5	0.8	PMET_104+0630D*28**
0.12	8.5	27.5	0.8	PMET_124+0630D*28**
0.15	9	27.5	0.8	PMET_154+0630D*28**
0.18	10	27.5	0.8	PMET_184+0630D*28**
0.22	10.5	27.5	0.8	PMET_224+0630D*28**
0.27	11.5	27.5	0.8	PMET_274+0630D*28**
0.33	11	33	0.8	PMET_334+0630D*33**
0.39	12	33	0.8	PMET_394+0630D*33**
0.47	12.5	33	0.8	PMET_474+0630D*33**
0.56	13.5	33	0.8	PMET_564+0630D*33**
0.68	14.5	33	0.8	PMET_684+0630D*33**
0.82	16	33	0.8	PMET_824+0630D*33**
1.0	17.5	33	0.8	PMET_105+0630D*33**

1000Vdc (250Vac)				
Cap. μF	D	L	d	Part number
0.0010	5.2	12	0.6	PMET_102+01000D*12**
0.0015	5.2	12	0.6	PMET_152+01000D*12**
0.0022	5.2	12	0.6	PMET_222+01000D*12**
0.0033	5.2	12	0.6	PMET_332+01000D*12**
0.0039	5.2	12	0.6	PMET_392+01000D*12**
0.0047	5.2	14.5	0.6	PMET_472+01000D*15**
0.0056	5.2	14.5	0.6	PMET_562+01000D*15**
0.0068	5.2	14.5	0.6	PMET_682+01000D*15**
0.0082	6	14.5	0.6	PMET_822+01000D*15**
0.010	6	20	0.6	PMET_103+01000D*20**
0.012	6	20	0.6	PMET_123+01000D*20**
0.015	6.5	20	0.6	PMET_153+01000D*20**
0.018	6.5	20	0.6	PMET_183+01000D*20**
0.022	7	20	0.8	PMET_223+01000D*20**
0.027	7.5	20	0.8	PMET_273+01000D*20**
0.033	6.5	27.5	0.8	PMET_333+01000D*28**
0.039	6.5	27.5	0.8	PMET_393+01000D*28**
0.047	7	27.5	0.8	PMET_473+01000D*28**
0.056	7.5	27.5	0.8	PMET_563+01000D*28**
0.068	8	27.5	0.8	PMET_683+01000D*28**
0.082	8.5	27.5	0.8	PMET_823+01000D*28**
0.10	9	27.5	0.8	PMET_104+01000D*28**
0.12	9.5	27.5	0.8	PMET_124+01000D*28**
0.15	9.5	33	0.8	PMET_154+01000D*33**
0.18	10	33	0.8	PMET_184+01000D*33**
0.22	11	33	0.8	PMET_224+01000D*33**
0.27	12	33	0.8	PMET_274+01000D*33**
0.33	13	33	0.8	PMET_334+01000D*33**
0.39	14	33	0.8	PMET_394+01000D*33**
0.47	15	33	0.8	PMET_474+01000D*33**