

## 金属化聚丙烯薄膜电容器 Metallized polypropylene film capacitor

### 特点 / Features

- ◆ 最适合用于低损耗，频率高的电路。
- ◆ 适合各种电源开关用。
- ◆ 变频照明用。
- ★ With a low dissipation factor, best suited to frequency circuits.
- ★ Various SMPS.
- ★ Lighting inverters.

### 规格 / Specifications

使用温度范围	Temp. Range	- 40~+85°C(+105°C)*
额定电压	Rated Voltage	450V.dc
容量范围	Capacitance Range	0.47~2.2μF (E-12)
容量偏差	Capacitance Tolerance	±5% (J), ±10% (K)
损耗角正切	Dissipation Factor	0.001以下/or less(at 1kHz)
耐电压	Withstand voltage	WV*150% 60sec or WV*175% 1~5sec
绝缘电阻	Insulation Resistance	C ≤ 0.33μF 30,000MΩ以上/or more (at 100V.dc/1 min) C > 0.33μF 7,500ΩF以上/or more
高温负荷	Endurance	85°C 施加 450V.dc×111%(500V.dc) 1000hr ΔC/C ±10% 以内/with in tanδ 0.003以下/or less IR C ≤ 0.33μF 3,500MΩ以上/or more C > 0.33μF 1,000ΩF以上/or more
耐湿负荷	Damp heat	40°C 95%RH 施加 WV 500Hr ΔC/C ±10% 以内/with in tanδ 0.003以下/or less IR C ≤ 0.33μF 3,500MΩ以上/or more C > 0.33μF 1,000ΩF以上/or more

\* ( ) 里的温度表示降低电压时的温度使用范围。

\* ( ) Marked temperature shows operatable when voltage is derated.

## 外形尺寸 / Dimension(mm)

形状 Style	直引线型		引线弯曲型	
Cap 范围 Cap range	450V.dc	104~225	F=5.0	104~105
			F=7.5	104~394
			F=10.0	104~394
			F=15.0	474~225

编带仕样的引线尺寸 (F)，请参照第27~29页的编带尺寸表。

For a pitch space(F) of the taping specification, refer to "Taping dimensions" on page 27~29.

Cap COD E	Cap ( $\mu$ F)	MPA 450V.dc					
		W	H	T	P	F	$\Phi$ d
104	0.10	13.0	9.6	5.2	10.0	5.0/7.5/10.0	0.6
124	0.12	"	9.9	5.5	"	"	"
154	0.15	"	10.3	5.9	"	"	"
184	0.18	"	10.7	6.2	"	"	"
224	0.22	"	11.1	6.7	"	"	"
274	0.27	"	12.1	6.9	"	"	"
334	0.33	"	12.7	7.5	"	"	"
394	0.39	"	13.3	8.0	"	"	"
474	0.47	18.3	12.0	6.8	15.0	5.0/7.5/10.0/15.0	"
564	0.56	"	12.5	7.3	"	"	"
684	0.68	"	13.1	7.9	"	"	0.8
824	0.82	"	13.7	8.5	"	"	"
105	1.00	"	14.5	9.2	"	"	"
125	1.20	"	15.2	10.0	"	"	"
155	1.50	"	16.3	11.1	"	"	"
185	1.80	"	18.1	11.3	"	"	"
225	2.20	"	19.2	12.4	"	"	"