

PSF

7Z2L

金屬化聚丙烯膜電容器

METALLIZED POLYPROPYLENE FILM CAPACITOR



用途/Application

- 適用於 PFC 迴路與一般機器電源之高頻及大電流迴路。
- Most proper in the high frequency large current circuit such as flat-panel display power supply, inverters and power factor correction (=PFC).

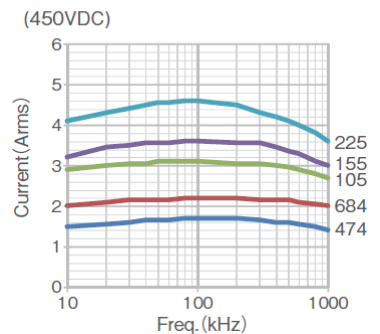
特性/Specific features

- 較原來的 PS 類型更為小型化；有效降低佔用電路板空間。
- 頻率特性優良，介電損耗小，不易發熱。
- 有效降低電容器發出的噓鳴聲。
- 外層塗料使用阻燃型環氧粉體樹脂 (UL 94 V-0)，安全性佳。
- Smaller size than PS series, saving mount space on PCB.
- Low loss, low self-heating, perform for frequency characteristic.
- Reduced hum noise from capacitor.
- Outer coating use for flame resisting Epoxy resin (UL94V-0) for safety.

規格/Specifications

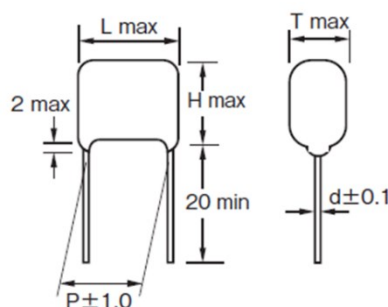
項目/Item		性能/Performance
使用溫度範圍 Operating Temperature Range		-40°C ~ +85°C (+105°C)
額定電壓 Rated Voltage		450VDC
耐電壓 Voltage Proof	端子間 Between Terminals	W.V.×150% 60 秒間 W.V.×150% 60sec.
	端子外裝間 Between Terminals and case	W.V.×200% 2~5 秒間 W.V.×200% 2 - 5sec.
絕緣電阻 Insulation Resistance		C ≤ 1.0μF: 30,000MΩ 以上 / More than 30,000MΩ C > 1.0μF: 30,000Ω·F 以上 / More than 30,000Ω·F
電容量 Capacitance		0.47μF ~ 2.2μF
電容量誤差 Capacitance Tolerance		±5% (J), ±10% (K) at 1kHz
介質損失角 Dissipation Factor		C ≤ 1.0μF: 0.001 以下 / 0.001 or less C > 1.0μF: 0.0015 以下 / 0.0015 or less at 1kHz

Permissible current



尺寸/Dimensions (mm)

Cap. μF	450VDC				
	L	H	T	P	d
0.47	18.0	12.0	6.5	15.0	0.8
0.68	18.0	13.0	7.5	15.0	0.8
1.0	18.0	14.0	8.5	15.0	0.8
1.5	18.0	16.0	10.0	15.0	0.8
2.2	18.0	17.5	12.0	15.0	0.8
0.47	12.8	15.0	6.5	10.0	0.6
0.56	12.8	15.8	7.5	10.0	0.6
0.68	12.8	16.0	7.5	10.0	0.6
1.0	12.8	17.5	9.0	10.0	0.6



※相關使用，請參考塑膠薄膜電容器使用注意事項。

※For handling, please refer to Guideline of special attention for the usage of plastic film capacitors.