

PSA & PSR Series 聚苯乙稀膜一箔式電容器(有感型)

結構 CONSTRUCTION

PSA are film dielectric with aluminum foil electrodes, radial (or axial) leads of tinned wire are electrically welded to the electrodes, epoxy resin coating. PSA-M indicates the axial lead and PSR indicates the radial lead.

聚苯乙稀膜介質，鋁箔電極，經向（或軸向）鍍錫導線直接點焊于極板上，環氧樹脂包封。其中PSA表示經向引腳。

特點 FEATURE

- Low DF and high IR.
- Electrode and lead are spot welded equivalent series resistance(ESR) is small.
- High precision of capacitance is available.
- Excellent environment performance.

低耗損，高絕緣。
極板，引腳直接點焊，等效串聯電阻極小。
可做至高精度容量。
環境適應性強。

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-7
溫度範圍 Temperature Range	-40°C ~ +85°C
靜電容量誤差 Capacitance Tolerance	K=±10% (<330pF) J=±5% H=±3.5% (>1000pF) G=±2% (>2200pF)
散逸因素（損耗角正切） Dissipation Factor (Tangent of Loss)	≤0.10% (at 20°C, 1KHZ)
耐電壓 Voltage Proof	2.0*UR (1minute at 20°C)
絕緣電阻 Insulation Resistance	IR ≥ 30,000MΩ (1minute at 20°C and RH ≤ 65%)
耐久性 Endurance	500hours with 125% of rated voltage at 85°C after the test 85°C 條件下，125%之額定電壓500小時，試驗完成後 △C/C ≤ 2% △(DF) ≤ 0.05%; IR ≥ 50,000MΩ

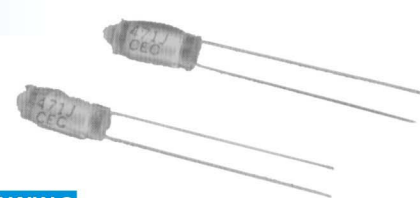
尺寸 DIMENSIONS

單位: Unit:mm

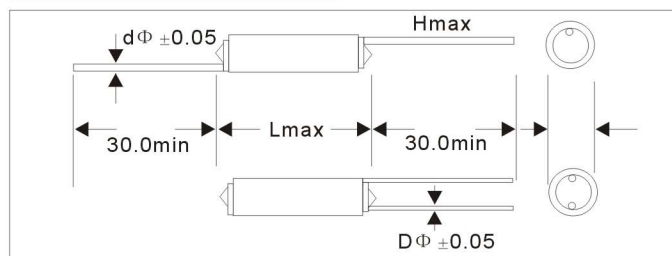
容量 CAPACITANCE		63/100VDC			250VDC			630VDC		
符號 SYMBOL	PF	L	D	dΦ	L	D	dΦ	L	D	dΦ
560	56	12.0	5.5	0.4	12.0	5.5	0.4	12.0	5.5	0.4
680	68	12.0	5.5	0.4	12.0	5.5	0.4	12.0	5.5	0.4
820	82	12.0	5.5	0.4	12.0	5.5	0.4	12.0	5.5	0.4
101	100	12.0	5.5	0.4	12.0	5.5	0.4	12.0	5.5	0.4
121	120	12.0	5.5	0.4	12.0	5.5	0.4	12.0	5.5	0.4
151	150	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.0	0.4
181	180	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.0	0.4
221	220	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.0	0.4
271	270	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.0	0.4
331	330	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.5	0.4
391	390	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.5	0.4
471	470	12.0	5.5	0.4	12.0	5.5	0.4	12.0	6.5	0.4
561	560	12.0	5.5	0.4	12.0	5.5	0.4	17.0	6.5	0.4
681	680	12.0	5.5	0.4	12.0	6.0	0.4	17.0	6.5	0.4

容量 CAPACITANCE		63/100VDC			250VDC			630VDC		
符號 SYMBOL	PF	L	D	dΦ	L	D	dΦ	L	D	dΦ
821	820	12.0	6.0	0.4	12.0	6.5	0.4	17.0	6.5	0.4
102	1000	12.0	6.0	0.4	17.0	6.5	0.4	17.0	7.0	0.4
122	1200	12.0	6.0	0.4	17.0	6.5	0.4	17.0	7.5	0.4
152	1500	12.0	6.0	0.4	17.0	7.0	0.4	21.0	7.5	0.4
182	1800	12.0	6.0	0.4	17.0	7.0	0.4	21.0	8.0	0.4
222	2200	12.0	6.5	0.4	17.0	7.0	0.4	22.0	8.0	0.4
272	2700	12.0	7.0	0.4	17.0	7.0	0.4	22.0	8.5	0.4
332	3300	12.0	7.0	0.4	19.0	7.5	0.4	24.0	9.0	0.5
392	3900	12.0	7.5	0.4	19.0	7.5	0.4	24.0	9.5	0.5
472	4700	12.0	8.0	0.4	19.0	8.0	0.4	24.0	10.5	0.5
562	5600	12.0	8.5	0.4	19.0	9.0	0.5	24.0	11.5	0.5
682	6800	12.0	9.0	0.4	19.0	9.5	0.5	24.0	12.0	0.5
822	8200	12.0	9.5	0.4	22.0	9.5	0.5	24.0	13.0	0.5
103	10000	12.0	10.0	0.4	22.0	10.5	0.5	24.0	13.0	0.5

可依需求制作特殊規程 (SPECIAL SIZE OR ITEMS ON REQUEST)



外型圖 OUTLINE DRAWING



用途 APPLICATION

- Ideal for use in commercial, industrial and measuring instrument in high frequency circuit.
- 適用於諸如商業，工業及測量儀器，之高頻回路。