



POLYPROPYLENE FILM/FOIL CAPACITORS-BY SERIES (HIGH VOLTAGE)

PPS Series 金屬化聚丙烯膜一箔式電容器(高壓用途)

結構 CONSTRUCTION

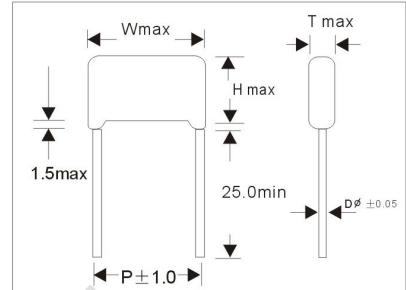
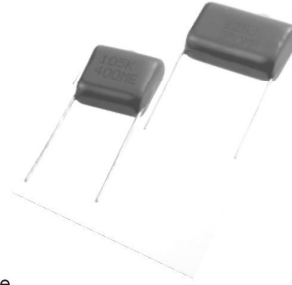
PPS are Polypropylene film dielectric with aluminum foil as outer electrodes and vacuum evaporated metal layer as inner series electrode, radial leads of tinned wire are electrically welded to the contact metal layer on the ends of capacitor winding, epoxy resin coating.

聚丙烯膜介質，鋁箔作外露電極，真空蒸金屬層作內部串聯電極，經向鍍錫導線點焊于電容器兩端面金屬層，環氧樹脂一封装。

特點 FEATURE

- 71 ■ High stability of capacitance and DF versus temperature and frequency.
 ■ Special series construction for high voltage and long-term ability.
 ■ High pulse rise rate (du/dt) and suitable for large current circuit.
 容量、耗損隨溫度頻率具高穩定性。
 特殊的串聯結構適合于高壓用及長期工作可靠性。
 高電流爬升速率，并适用于大電流回路。

外型圖 OUTLINE DRAWING



用途 APPLICATION

- Most suitable for high frequency large current circuit and S-shaping correction in TV set.
 适用于彩电、監視器的高壓、脈衝電路。

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384-17
溫度範圍 Temperature Range	-40°C ~ +85°C (From 85°C up to 105°C with derating voltage 1.25% / °C 85°C 至 105°C 間按 1.25% / °C 遞減電壓)
靜電容量誤差 Capacitance Tolerance	M = ±20% K = ±10% J = ±5%
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	1.5 * UR (1 minute at 20°C)
絕緣電阻 Insulation Resistance	≥ 30,000 MΩ (1 minute at 20°C and RH ≤ 65%)
耐久性 Endurance	1000 hours with 125% of rated voltage at 85°C after the test 85°C 條件下，125% 之額定電壓 1000 小時，試驗完成後 ΔC/C ≤ 2% Δ(DF) ≤ 0.04% IR ≥ 15000 MΩ (at 20°C 1KHZ)

尺寸 DIMENSIONS

單位: Unit: mm

容量 CAPACITANCE 符號 SYMBOL	μF	1000VDC					1200VDC					1600VDC					2000VDC					3000VDC										
		W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ						
101-821	100p-820p	12.0	9.0	7.0	10.0	0.6	12.0	9.0	7.0	10.0	0.6	18.0	9.0	7.0	15.0	0.8	18.0	10.0	7.0	15.0	0.8	18.0	13.0	7.0	15.0	0.8	18.0	15.0	9.0	15.0	0.8	
102	0.0010	18.0	9.0	7.0	15.0	0.8	18.0	9.0	7.0	15.0	0.8	18.0	10.0	7.0	15.0	0.8	18.0	15.0	8.0	15.0	0.8	18.0	18.0	9.0	15.0	0.8	18.0	18.0	9.0	15.0	0.8	
152	0.0015	18.0	11.0	7.0	15.0	0.8	18.0	11.0	7.0	15.0	0.8	18.0	12.0	7.0	15.0	0.8	18.0	15.0	8.0	15.0	0.8	18.0	15.0	8.0	15.0	0.8	18.0	18.0	9.0	15.0	0.8	
222	0.0022	18.0	14.0	7.0	15.0	0.8	18.0	14.0	7.0	15.0	0.8	18.0	15.0	7.0	15.0	0.8	18.0	16.0	9.0	15.0	0.8	18.0	16.0	9.0	15.0	0.8	18.0	20.0	11.0	15.0	0.8	
332	0.0033	18.0	14.0	8.0	15.0	0.8	18.0	14.0	8.0	15.0	0.8	18.0	16.0	8.0	15.0	0.8	18.0	17.0	11.0	15.0	0.8	24.0	17.0	11.0	15.0	0.8	24.0	20.0	12.0	20.0	0.8	
472	0.0047	18.0	15.0	10.0	15.0	0.8	18.0	15.0	11.0	15.0	0.8	18.0	17.0	11.0	15.0	0.8	18.0	20.0	13.0	15.0	0.8	24.0	20.0	13.0	15.0	0.8	24.0	22.0	13.0	20.0	0.8	
682	0.0068	18.0	17.0	11.0	15.0	0.8	18.0	17.0	12.0	15.0	0.8	18.0	18.0	12.0	15.0	0.8	24.0	20.0	15.0	20.0	0.8	31.0	25.0	13.0	27.5	0.8	31.0	25.0	13.0	27.5	0.8	
103	0.010	18/24	20/18	11/10	15/20	0.8	18/24	20/18	12/11	15/20	0.8	24.0	20.0	13.0	20.0	0.8	24.0	22.0	16.0	20.0	0.8	35.0	28.0	20.0	32.0	0.8	35.0	28.0	20.0	32.0	0.8	
153	0.015	24.0	20.0	12.0	20.0	0.8	24.0	22.0	12.0	20.0	0.8	24.0	22.0	15.0	20.0	0.8	24.0	25.0	16.0	20.0	0.8	40.0	33.0	24.0	37.5	0.8	40.0	33.0	24.0	37.5	0.8	
223	0.022	24.0	23.0	12.0	20	0.8	24.0	24.0	13.0	20.0	0.8	24.0	24.0	15.0	20.0	0.8	31.0	30.0	16.0	27.5	0.8	43.0	38.0	28.0	41.0	0.8	43.0	38.0	28.0	41.0	0.8	
333	0.033	24/31	25/22	13/12	20/27.5	0.8	31.0	26.0	14.0	27.5	0.8	31.0	26.0	17.0	27.5	0.8	31.0	32.0	16.0	27.5	0.8											
473	0.047	31.0	24.0	15.0	27.5	0.8	31.0	26.0	18.0	27.5	0.8	31.0	28.0	20.0	27.5	0.8	35.0	37.0	27.0	32.0	0.8											
683	0.068	31.0	27.0	17.0	27.5	0.8	35.0	28.0	19.0	32.0	0.8	35.0	30.0	21.0	32.0	0.8	40.0	37.0	27.0	37.5	0.8											
104	0.10	35.0	30.5	20.0	32.0	0.8	35.0	31.0	20.0	32.0	0.8	40.0	36.0	22.0	37.5	0.8	43.0	38.0	28.0	41.0												
154	0.15	35.0	33.0	23.0	32.0	0.8	40.0	33.0	24.0	37.5	0.8	43.0	36.0	23.0	41.0	0.8	43.0	40.0	30.0	41.0												
224	0.22	40.0	35.0	25.0	37.5	0.8	40.0	37.0	25.0	37.5	0.8	43.0	38.0	30.0	41.0	0.8																
334	0.33	43.0	36.0	26.0	41.0	0.8	43.0	38.0	26.0	41.0	0.8																					
474	0.47	43.0	38.0	28.0	41.0	0.8	43.0	40.0	30.0	41.0	0.8																					

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