



Polypropylene Film/foil Capacitor (Non-Inductive)

聚丙烯膜-箔式電容器(無感) TYPE 類別: PPN

FEATURE 特點

- * High stability of capacitance and DF versus temperature and frequency
- * Low DF and high IR
- * Non-inductive construction
- * High pulse rise rate (du/dt) and suitable for large current circuit
- * 容量損耗隨溫度頻率具高穩定性
- * 低損耗,高絕緣
- * 無感型結構
- * 高電流爬升速率併適用於大電流回路

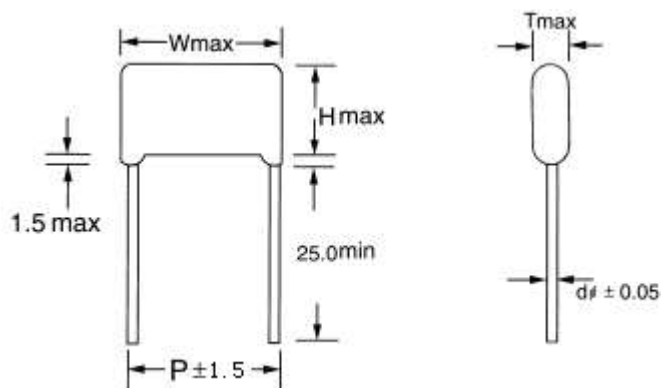
APPLICATION 用途

- * Most suitable for high frequency large current circuit and S-shaping correction in TV set
- * Widely used in high frequency, high voltage DC and pulse circuits
- * Filter and noise suppression circuit
- * 電視中 S-形校正回路及高頻高壓回路
- * 廣泛應用於高頻、大電流、直流、脈衝回路
- * 濾波及噪音抑制回路*

SPECIFICATIONS 技術要求

Dielectric 介質	Polypropylene film 聚丙烯薄膜	
Electrodes 電極	Alluminum foil 鋁箔極板	
Coating 包封	Expoxy resin coating 環氧樹脂封裝	
Leads 導線	Radial leads of tinned wire 徑向鍍錫導線	
Reference Standard 引用標準	IEC 384-13 ; SJ/T 10998-1996	
Climatic Catalogue 氣候類別	-40°C ~ +85°C	
Capacitance versus Rated Voltage(U _R) 靜電容量與額定電壓	100VDC 0.001μF—0.47μF; 400VDC 0.001μF—0.33μF;	250VDC 0.001μF—0.47μF 630VDC 0.001μF—0.15μF
Capacitance Tolerance 靜電容量誤差	M=±20% K=±10% J=±5%	
Dissipation Factor(Tangent of Loss) 散逸因素(損耗角正切)	≤0.1%	(at 20°C, 1KHZ)
Voltage Proof 耐電壓	2.0*U _R	(5S at 20°C)
Insulation Resistance 絕緣電阻	C≤0.10μF IR≥30,000MΩ C>0.1μF IR*C≥3,000ΩF (1 minute at 20°C and RH≤65%)	
Endurance 耐久性	1000 hours with 150% of rated voltage at 85°C, After the test: 85°C 條件下, 150%之額定電壓 1000 小時。試驗完成後: C/C ≤ 2%; (DF)≤0.04% C≤0.10μF, IR≥15000MΩ; C>0.10μF, IR*C≥1500ΩF(20°C 1KHZ)	

OUTLINE DRAWING 外形圖



DIMENSION 尺寸

單位 Unit:mm

容量 CARACITANCE		100VDC					250VDC					400VDC					630VDC				
符號 SYMBOL	μF	W	H	T	P	dØ	W	H	T	P	dØ	W	H	T	P	dØ	W	H	T	P	dØ
102	0.0010	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
152	0.0015	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
222	0.0022	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
332	0.0033	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	13.0	7.0	10.0	0.6	15.0	14.0	7.0	10.0	0.6
472	0.0047	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	13.0	7.0	10.0	0.6	15.0	14.5	8.0	10.0	0.6
682	0.0068	14.0	9.0	6.0	10.0	0.6	14.0	9.0	6.0	10.0	0.6	14.0	14.0	7.5	10.0	0.6	15.0	14.5	8.5	10.0	0.6
103	0.010	14.0	9.0	6.0	10.0	0.6	14.0	9.5	6.5	10.0	0.6	14.0	14.0	8.0	10.0	0.6	19.0	15.0	9.0	15.0	0.8
153	0.015	14.0	9.0	6.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	19.0	14.0	10.0	15.0	0.8	19.0	15.0	10.0	15.0	0.8
223	0.022	14.0	9.0	6.5	10.0	0.6	14.0	11.0	8.0	10.0	0.6	19.0	15.0	10.5	15.0	0.8	25.0	16.0	11.0	21.0	0.8
333	0.033	14.0	10.5	7.0	10.0	0.6	14.0	12.5	9.5	10.0	0.6	19.0	17.5	11.5	15.0	0.8	25.0	18.0	1.50	21.0	0.8
473	0.047	14.0	11.0	7.5	10.0	0.6	19.0	13.0	9.0	15.0	0.8	19.0	18.0	12.5	15.0	0.8	25.0	20.0	14.0	21.0	0.8
683	0.068	19.0	12.5	8.0	15.0	0.8	19.0	13.0	9.0	15.0	0.8	19.0	18.0	12.5	15.0	0.8	25.0	20.0	14.0	21.0	0.8
104	1.00	19.0	13.5	8.5	15.0	0.8	25.8	18.0	11.0	21.0	0.8	25.0	20.0	15.0	21.0	0.8	31.0	26.0	16.5	27.5	0.8
154	1.5	25.0	15.0	8.5	21.0	0.8	25.0	17.0	12.5	21.0	0.8	31.0	24.5	16.5	27.5	0.8	31.0	28.0	18.0	27.5	0.8
224	0.22	25.0	17.0	9.5	21.0	0.8	31.0	20.0	13.5	27.5	0.8	31.0	26.0	17.5	27.5	0.8					
334	0.33	31.0	18.0	12.0	27.5	0.8	31.0	22.0	15.0	27.5	0.8	31.0	29.0	19.0	27.5	0.8					
474	0.47	31.0	23.0	14.0	27.5	0.8															

(SPECIAL SIZE OR ITEMS ON REQUEST)可依需求制做特殊規格