



# Metallized PolyEster Film Capacitor (Coating)

金屬化聚酯薄膜電容器(含浸型) **TYPE 類別: MEF**

## FEATURE 特點

- \* Non-inductive construction
- \* Self-healing
- \* High reliable and superior performance in high frequency application
- \* 無感型結構
- \* 自愈性
- \* 高頻應用中具高可靠性及優良特點

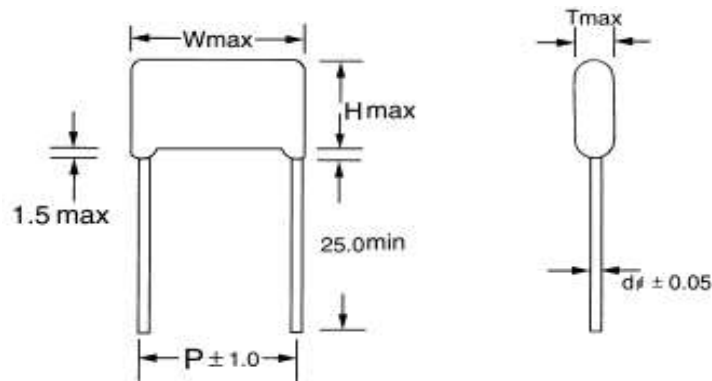
## APPLICATION 用途

- \* Filter and noise suppression circuit
- \* Pulse logic and timing circuit
- \* DC-blocking, by-passing and signal coupling in general communication equipment
- \* 濾波及噪音抑制回路
- \* 脈衝、邏輯、定時回路
- \* 通訊設備中之直流減振，旁路及信號耦合

## SPECIFICATIONS 技術要求

Dielectric 介質	Polyester film 聚脂薄膜
Electrodes 電極	Vacuum evaporated metal 真空蒸金屬
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 384-2 grade I ; <a href="#">SJ/T 10787-1996</a>
Climatic Catalogue 氣候類別	-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)
Capacitance versus Rated Voltage(U <sub>R</sub> ) 靜電容量與額定電壓	100VDC 0.01μF——10μF; 250VDC 0.01μF——6.8μF 400VDC 0.01μF——1.8μF; 630VDC 0.01μF——1.0μF
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)	C≤1.0μF DF≤0.08% C>1.0μF DF≤1.0% (at 20 °C, 1KHZ)
Voltage Proof 耐電壓	1.6*U <sub>R</sub> (1 minute at 20°C)
Insulation Resitance 絕緣電阻	C≤0.33μF IR≥15,000MΩ C>0.33μF IR*C≥5,000ΩF (1 minute at 20°C and RH≤65%)
Endurance 耐久性	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: C/C ≤5%; (DF)≤0.20% C≤0.33μF, IR≥7500MΩ; C>0.33μF, IR*C≥2500ΩF(20°C 1KHZ)

## OUTLINE DRAWING 外形圖



## DIMENSION 尺寸

單位 Unit:mm

CARACITANCE		100VDC					250VDC					400VDC					630VDC				
SYMBOL	$\mu\text{F}$	W	H	T	P	$d\phi$	W	H	T	P	$d\phi$	W	H	T	P	$d\phi$	W	H	T	P	$d\phi$
103	0.010	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.5	10.0	0.6	12.0	10.0	6.0	10.0	0.6
153	0.015	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.5	10.0	0.6	12.0	10.0	6.0	10.0	0.6
223	0.022	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.5	10.0	0.6	12.0	10.0	6.0	10.0	0.6
333	0.033	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.5	10.0	0.6	12.0	11.0	6.0	10.0	0.6
473	0.047	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	7.0	10.0	0.6	17.0	10.0	6.0	15.0	0.8
683	0.068	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	12.0	7.5	10.0	0.6	17.0	11.0	7.0	15.0	0.8
104	0.10	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.5	10.0	0.6	17.0	11.0	6.5	15.0	0.8	17.0	14.0	9.0	15.0	0.8
154	0.15	12.0	10.0	7.0	10.0	0.6	12.0	12.0	7.0	10.0	0.6	17.0	13.0	8.0	15.0	0.8	23.0	13.0	8.0	20.0	0.8
224	0.22	12.0	12.0	8.0	10.0	0.6	12.0	13.0	7.5	10.0	0.6	17.0	15.0	9.0	15.0	0.8	23.0	15.0	9.0	20.0	0.8
334	0.33	12.0	13.0	8.0	10.0	0.6	17.0	13.0	7.0	15.0	0.8	17.0	16.0	10.0	15.0	0.8	23.0	18.0	12.0	27.5	0.8
474	0.47	12.0	13.0	8.0	10.0	0.6	17.0	15.0	9.0	15.0	0.8	23.0	15.0	10.5	20.0	0.8	30.0	21.0	11.0	27.5	0.8
684	0.68	17.0	12.0	7.0	15.0	0.8	17.0	14.0	9.0	15.0	0.8	23.0	18.0	9.50	26	0.8	30.0	22.5	13.0	27.5	0.8
105	1.0	17.0	15.0	8.5	15.0	0.8	17.0	17.0	10.0	15.0	0.8	24.0	20.0	12.0	27.5	0.8	31.0	25.5	15.5	27.5	0.8
155	1.5	17.0	16.0	9.0	15.0	0.8	24.0	16.0	9.0	22.5	0.8	30.0	20.0	14.0	27.5	0.8	31.0	33.0	21.0	27.5	0.8
225	2.2	18.0	17.0	11.0	15.0	0.8	24.0	19.0	10.0	22.5	0.8	31.0	26.0	16.0	27.5	0.8	36.0	31.0	21.0	31.5	0.8
335	3.3	24.0	18.0	12.0	22.5	0.8	30.0	23.0	14.0	27.5	0.8	31.0	29.5	19.0	27.5	0.8	43.0	32.0	24.5	41.5	0.8
475	4.7	30.0	22.0	13.0	27.5	0.8	31.0	25.5	16.0	27.5	0.8	36.0	32.0	22.5	31.5	0.8	54.0	34.5	24.5	51.5	0.8
685	6.8	30.0	23.5	15.5	27.5	0.8	43.0	20.0	15.0	41.5	0.8										
106	10	31.0	25.5	20.0	27.5	0.8	43.0	24.0	19.0	41.5											

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