



Metallized Polyester Film Capacitor (Encased)

金屬化聚酯薄膜電容器（盒子型） **TYPE 類別: MEC**

FEATURE 特點

- * Non-inductive construction
- * Self-healing
- * High moisture resistance
- * Super physical and enviromental characteristics
- * 無感型結構
- * 自愈性
- * 高耐濕特性
- * 優昇的物理特性及環境適應性

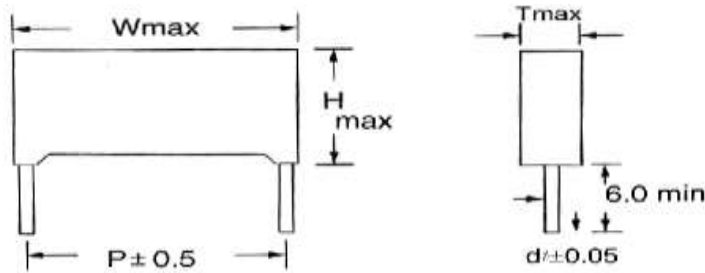
APPLICATION 用途

- * Filter and noise suppression circuit
- * Pulse, logic and timing circuit
- * DC-blocking ,by-pasing and signal coupling in general communication's equipment
- * 濾波及噪音抑制回路
- * 脈衝、邏輯、定時回路
- * 通訊設備中直流減振，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	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0 阻燃盒子并以環氧樹脂灌封
Leads 導線	Radial leads of tinned wire 徑向鍍錫導線
Reference Standard 引用標準	IEC 384-2grade I; SJ/T 10874-1996
Climatic Catalogue 氣候類別	-40 ⁰ C~~+85 ⁰ C (From 85 ⁰ C up to 105 ⁰ C with derating voltage 1.25%/ ⁰ C, 85 ⁰ C 至 105 ⁰ C 間按 1.25%/ ⁰ C 遞減電壓)
Capacitance versus Rated Voltage(U _R) 靜電容量與額定電壓	100VDC 0.01μF—6.8μF : 250VDC 0.01μF—6.8μF 400VDC 0.01μF—2.2μF : 630VDC 0.01μF—1.5μF
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≤0.80% C>1.0μF DF≤1.0% (at20 ⁰ C,1KHZ)
Voltage Proof 耐電壓	1.6*U _R (5S at 20 ⁰ C)
Insulation Resistance 絕緣電阻	C≤0.33μF IR≥15,000MΩ C>0.33μF IR*C≥3000S (1 minute at 20 ⁰ C and RH≤65%)
Endurance 耐久性	1000 hours with 125% of rated voltage at 85 ⁰ C, After the test: 85 ⁰ C 條件下，125%之額定電壓 1000 小時。試驗完成後 C/C≤8 %; (DF)≤0.30% C≤ 1μF, IR≥50% of the specified value (初始值) (20 ⁰ C1KHZ)

OUTLINE DRAWING 外形圖



DIMENSION 尺寸

單位 Unit:mm

容量 CAPACITANCE		100VDC					250VDC					400VDC					630VDC				
符號 SYMBOL	μF	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ
102	0.0010	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
152	0.0015	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
222	0.0022	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
332	0.0033	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
472	0.0047	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
682	0.0068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
103	0.010	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
153	0.015	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
223	0.022	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
333	0.033	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	10.0	5.0	15.0	0.8
473	0.047	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8
683	0.068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	18.0	10.0	5.0	15.0	0.8	18.0	12.0	6.0	15.0	0.8
104	0.10	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	11.0	5.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8
154	0.15	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8	26.5	12.0	6.0	22.5	0.8
224	0.22	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	26.5	15.0	10.0	22.5	0.8
334	0.33	18.0	10.0	5.0	15.0	0.8	18.0	12.0	6.0	15.0	0.8	26.5	15.0	6.0	22.5	0.8	32.0	18.0	11.0	27.5	0.8
474	0.47	18.0	12.0	6.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8	26.5	17.0	8.5	22.5	0.8	32.0	20.0	11.0	27.5	0.8
684	0.68	18.0	12.0	6.0	15.0	0.8	26.5	15.0	6.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	22.0	13.0	27.5	0.8
105	1.0	18.0	13.5	7.5	15.0	0.8	26.5	16.0	10.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8	32.0	22.0	13.0	27.5	0.8
155		26.5	16.5	7.0	15.0	0.8	26.5	18.0	10.0	27.5	0.8	32.0	22.0	13.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8
225		26.5	17.0	8.5	22.5	0.8	32.0	20.0	11.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8					
335		26.5	17.5	10.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8										
475		32.0	20.0	11.0	27.5	0.8	32.0	30.0	15.0	27.5	0.8										
685		32.0	22.0	13.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8										

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