



# Metallized Polyester Film Capacitor (Axial and Oval)

金屬化聚酯薄膜電容器（軸向扁平型） **TYPE 類別: MEA**

## FEATURE 特點

- \* Non-inductive construction
- \* Self-healing
- \* High moisture resistance
- \* High capacitance value available and compact size
- \* 無感型結構
- \* 自愈性
- \* 高耐濕特性
- \* 可獲得高容量且尺寸緊湊

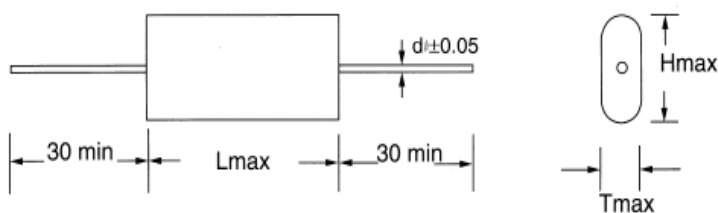
## APPLICATION 用途

- \* Coupling decoupling by-passing and timing circuit
- \* Automatic control system, communication equipment
- \* Charging/discharging lighting noise suppression and frequency modulation
- \* 耦合、離合、旁路及定時回路
- \* 自動控制系統及通訊設備
- \* 充放電、照明、噪音抑制及頻率調制

## 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	Out wrapped with Mylar tape and ends sealed with epoxy resin 瑪拉膠帶包封，環氧樹脂封裝
Leads 導線	Axial leads of tinned wire 軸向鍍錫導線
Reference Standard 引用標準	IEC 384-2 grade 1; SJ/T 10873-1996
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( $U_R$ ) 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）	$C \leq 1.0\mu F$ DF≤0.8% $C > 1.0\mu F$ DF≤1.0% (at 20°C, 1KHZ)
Voltage Proof 耐電壓	1.6* $U_R$ (5S at 20°C)
Insulation Resistance 絕緣電阻	$C \leq 0.33\mu F$ IR≥15,000MΩ $C > 0.33\mu F$ 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) ≤0.50% IR≥50% of the specified value (初始值) (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	$\mu F$	L	H	T	$d\emptyset$	L	H	T	$d\emptyset$	L	H	T	$d\emptyset$	L	H	T	$d\emptyset$
103	0.010	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	7.0	4.5	0.6
153	0.015	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	7.0	4.5	0.6
223	0.022	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	8.0	4.0	0.6	16.0	9.0	5.0	6.0
333	0.033	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	8.0	4.0	0.6	16.0	9.0	5.0	6.0
473	0.047	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	8.0	5.0	0.6	16.0	10.0	6.0	0.8
683	0.068	16.0	6.0	4.0	0.6	16.0	6.0	4.0	0.6	16.0	9.0	5.0	0.6	21.0	11.0	7.0	0.8
104	0.10	16.0	7.0	4.0	0.6	16.0	7.0	4.0	0.6	21.0	9.0	5.0	0.8	21.0	12.0	8.0	0.8
154	0.15	16.0	8.0	4.0	0.6	16.0	8.0	4.0	0.6	21.0	10.0	6.0	0.8	26.0	13.0	8.0	0.8
224	0.22	16.0	8.0	5.0	0.6	16.0	9.0	5.0	0.6	21.0	12.0	7.0	0.8	26.0	15.0	9.0	0.8
334	0.33	16.0	9.0	6.0	0.6	21.0	10.0	6.0	0.8	26.0	13.0	8.0	0.8	26.0	16.0	11.0	0.8
474	0.47	16.0	10.0	7.0	0.6	21.0	10.5	6.5	0.8	26.0	14.0	8.0	0.8	32.0	17.0	12.0	0.8
684	0.68	21.0	11.0	6.0	0.8	26.0	11.0	6.5	0.8	26.0	16.0	9.0	0.8	32.0	20.0	16.0	0.8
105	1.0	21.0	12.0	7.0	0.8	26.0	12.5	7.0	0.8	32.0	18.0	10.0	0.8	32.0	25.0	19.5	0.8
155	1.5	21.0	12.0	7.0	0.8	32.0	14.0	8.0	0.8	32.0	19.0	11.0	0.8	32.0	32.0	20.0	0.8
225	2.2	26.0	16.0	9.0	0.8	32.0	16.5	9.0	0.8	32.0	25.0	15.0	0.8	36.0	31.0	21.0	0.8
335	3.3	26.0	17.5	9.5	0.8	32.0	19.0	12.0	0.8	32.0	28.0	17.0	0.8	46.0	31.0	24.0	0.8
475	4.7	32.0	18.0	11.0	0.8	36.0	21.0	11.0	0.8	36.0	31.0	21.5	0.8	46.0	34.0	24.0	0.8
685	6.8	32.0	20.0	11.0	0.8	36.0	24.0	13.5	0.8	36.0	32.0	23.0	0.8	56.0	33.0	24.0	0.8
106	10	32.0	24.0	12.5	0.8	46.0	25.0	14.0	0.8								
126	12	32.0	25.5	14.0	0.8	46.0	28.0	15.5	0.8								
156	15	32.0	25.5	16.0	0.8	46.0	30.0	17.5	0.8								
186	18	32.0	28.5	17.0	0.8	46.0	32.0	19.5	0.8								
226	22	32.0	30.0	18.5	0.8												
256	25	32.0	31.0	20.0	0.8												

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