

MET Series 金屬化聚酯薄膜電容器(管型)

結構 CONSTRUCTION

MET are non-inductively wound with metallized Polyester film as dielectric/enctrode with copper-clad steel leads with epoxy resin coating. Winding out wrapped with Mylar tape and ends sealed with epoxy resin. They are suitable for blocking, filtering, by-pass, coupling, decoupling and timing circuits with application in telecommunication, data processing, industrial instruments and automatic control system equipments.

聚酯膜介質，真空蒸金屬電極，軸向鍍錫導線點焊于電容器兩端面金屬層，瑪拉膠帶包封，環氧樹脂封裝。

特點 FEATURE

- Non-inductive construction
- Self-healing
- High property moisture resistance
- High capacitance value available and compac size

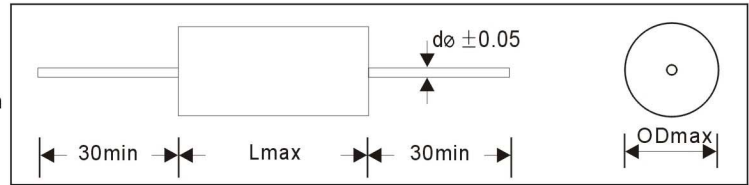
無感型結構

自愈型

高耐濕特性

可獲得高容量且尺寸緊湊

外型圖 OUTLINE DRAWING



用途 APPLICATION

- 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。

技術要求 SPECIFICATIONS

引用標準 Reference Standard	IEC 384- 2 grade 1 ,GB7334		
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)	C ≤ 1.0 F C > 1.0 F	DF ≤ 0.80% DF ≤ 1.0%	(at 20°C, 1KHz)
耐電壓 Voltage Proof	1.6 * UR		(1 minute at 20°C)
絕緣電阻 Insulation Resistance	C ≤ 0.33 μ F C > 0.33 μ F	IR ≥ 15,000 MΩ IR * C ≥ 5,000 Ω F	(1 minute at 20°C and RH ≤ 65%)
耐久性 Endurance	1000hours 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 ≤ 5% Δ(DF) ≤ 0.20%; C ≤ 0.33 μ F; IR ≥ 7500 MΩ; C > 0.33 μ F; IR * C ≥ 2500 Ω F (20°C 1KHz)		

尺寸 (Dimensions)

單位: Unit:mm

容量 CAPACITANCE		100VDC			250VDC			400VDC			630VDC		
符號 SYMBOL	μ F	L	OD	dφ	L	OD	dφ	L	OD	dφ	L	OD	dφ
103	0.010										16.0	5.0	0.6
153	0.015										16.0	6.0	0.6
223	0.022										16.0	7.0	0.6
333	0.033							16.0	5.0	0.6	16.0	8.0	0.6
473	0.047							16.0	6.0	0.6	16.0	9.0	0.6
683	0.068							16.0	7.0	0.6	21.0	10.0	0.8
104	0.10	16.0	6.0	0.6	16.0	6.0	0.6	16/21	8.0	0.8	21.0	13.0	0.8
154	0.15	16.0	7.0	0.6	16.0	7.0	0.6	21.0	9.0	0.8	21/26	13.0	0.8
224	0.22	16.0	8.0	0.6	16.0	8.0	0.6	21.0	11.0	0.8	26.0	15.0	0.8
334	0.33	16.0	9.0	0.6	21.0	9.0	0.8	21/26	12.0	0.8	26/36.0	18/14.0	0.8
474	0.47	16.0	10.0	0.6	21.0	10.0	0.8	26.0	14.0	0.8	36.0	15.0	0.8
684	0.68	21.0	10.0	0.8	21/26	11.0	0.8	26/36.0	18/13.5	0.8	36.0	18.0	0.8
105	1.0	21.0	13.0	0.8	26.0	12.0	0.8	36.0	15.0	0.8	36.0	20.0	0.8
155	1.5	26.0	12.0	0.8	26.0	15.0	0.8	36.0	20.0	0.8	36.0	24.0	0.8
225	2.2	26.0	15.0	0.8	26/36.0	18/16	0.8	36.0	24.0	0.8	46.0	22.0	0.8
335	3.3	36.0	14.0	0.8	36.0	17.0	0.8	36.0	28.0	0.8	46.0	29.0	0.8
475	4.7	36.0	18.0	0.8	36.0	20.0	0.8	46.0	25.0	0.8	46.0	38.0	0.8
685	6.8	36.0	21.0	0.8	36.0	24.0	0.8	46.0	30.0	0.8	46.0	39.0	0.8
106	10	36.0	25.0	0.8	46.0	23.0	0.8	46.0	38.0	0.8	46.0	40.0	0.8
126	12	46.0	21.0	0.8	46.0	27.0	0.8	46.0	39.0	0.8	60.0	36.0	0.8
156	15	46.0	25.0	0.8	46.0	33.0	0.8	46.0	40.0	0.8	60.0	40.0	0.8
186	18	46.0	30.0	0.8	46.0	34.0	0.8	60.0	36.0	0.8	60.0	42.0	0.8
226	22	46.0	35.0	0.8	46.0	36.0	0.8	60.0	40.0	0.8			
256	25	46.0	38.0	0.8	46.0	38.0	0.8	60.0	42.0	0.8			
336	33	60.0	40.0	0.8	60.0	40.0	0.8						
476	47	60.0	44.0	0.8	60.0	44.0	0.8						