



METALLIZED CAPACITORS

METALLIZED POLYESTER FILM CAPACITORS (AXIAL AND OVAL)

CL20

Series 金屬化聚酯膜電容器(軸向扁平型)

結構 CONSTRUCTION

Polyester film dielectric with vacuum-evaporated metal electrodes, axial leads of tinned wire are electrically welded to the contact metal layer on the ends of capacitor winding out wrapped with Mylar tape and ends sealed with epoxy resin.

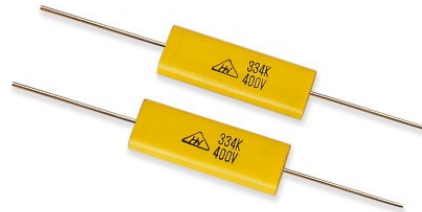
聚酯介質、真空蒸金屬電極、鍍錫導線徑向點焊於電容器兩端面金屬層、瑪拉膠帶包封、環氧樹脂包封。

特點 FEATURE

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

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	IEC60384-2
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	K=±10% J=±5%
損失角(損耗角正切) Dissipation Factor (Tangent of Loss)	< 1.0%(20°C, 1kHz)
耐電壓 Voltage Proof	1.5U _r (5s)
絕緣電阻 Insulation Resistance	> 7500MΩ CR < 0.33 μF > 2500s CR > 0.33 μF (20°C, 1min)
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% ΔC > 0.33 μF; 1R > 7500MΩ; C > 0.33 μF; IR * C > 2500 ΩF (20°C 1KHZ)

尺寸 DIMENSION

單位 Unit:mm

CAPACITANCE	100VDC				250VDC				400VDC				630VDC								
	SYMBOL	μF	L	H	T	dφ	L	H	T	dφ	L	H	T	dφ	L	H	T	dφ			
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	6.0	4.0	0.6	16.0	6.0	4.0	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	4.5	7.0	0.6	16.0	6.0	4.0	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	5.0	9.0	0.6	16.0	6.0	4.0	0.6
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	5.0	9.0	0.6	16.0	6.0	4.0	0.6
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	6.0	10.0	0.6	16.0	6.0	4.0	0.6
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	7.0	11.0	0.8	16.0	6.0	4.0	0.6
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	8.0	12.0	0.8	16.0	6.0	4.0	0.6
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	8.0	13.0	0.8	16.0	6.0	4.0	0.6
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	9.0	15.0	0.8	16.0	6.0	4.0	0.6
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	11.0	16.0	0.8	16.0	6.0	4.0	0.6
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	31.0	12.0	17.0	0.8	16.0	6.0	4.0	0.6
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	31.0	16.0	20.0	0.8	16.0	6.0	4.0	0.6
105	1.0	21.0	12.0	7.0	0.8	26.0	12.5	7.0	0.8	31.0	18.0	10.0	0.85	31.0	19.5	25.0	0.8	16.0	6.0	4.0	0.6
155	1.5	21.0	12.0	7.0	0.8	31.0	14.0	8.0	0.8	31.0	19.0	11.0	0.8					16.0	6.0	4.0	0.6
225	2.2	26.0	16.0	9.0	0.8	31.0	16.5	9.0	0.8									16.0	6.0	4.0	0.6
335	3.3	26.0	17.5	9.5	0.8	31.0	19.0	12.0	0.8									16.0	6.0	4.0	0.6
475	4.7	31.0	18.0	11.0	0.8	36.0	21.0	11.0	0.8									16.0	6.0	4.0	0.6
685	6.8	31.0	20.0	11.0	0.8	36.0	24.0	13.5	0.8									16.0	6.0	4.0	0.6
106	10	31.0	24.0	12.5	0.8	46.0	25.0	14.0	0.8									16.0	6.0	4.0	0.6
126	12	31.0	25.5	15.0	0.8	46.0	28.0	15.5	0.8									16.0	6.0	4.0	0.6
156	15	31.0	25.5	16.0	0.8	46.0	30.0	17.5	0.8									16.0	6.0	4.0	0.6
186	18	31.0	18.5	17.0	0.8	46.0	32.0	19.5	0.8									16.0	6.0	4.0	0.6
226	22	31.0	30.0	18.5	0.8													16.0	6.0	4.0	0.6
256	25	31.0	31.0	20.0	0.8													16.0	6.0	4.0	0.6

可依需求制作特殊規格(SPECIAL SIZE OR ITEMS ON REQUEST)

