

# MEA(CL20) Metallized Polyester Film Capacitor (Axial and Oval) 金属化聚酯薄膜电容器（轴向扁平型）

## ★FEATURE

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

## ★APPLICATION

- Coupling, decoupling, by-passing and timing circuit
- Automatic control system and Communication equipment
- Charging/discharging, lighting, noise suppression and frequency modulation

## ★SPECIFICATIONS 技术要求:

## 特点:

- 无感型结构
- 自愈性
- 高耐湿特性
- 可获得高容量且尺寸紧凑

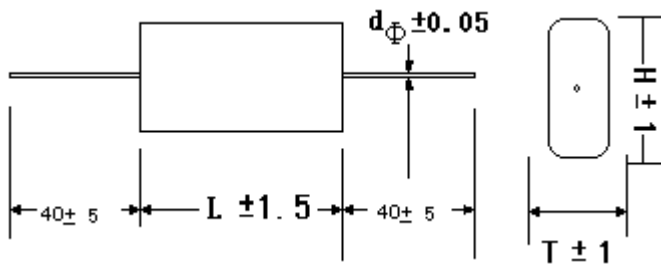
## 用途:

- 耦合、离合、旁路及定时回路
- 自动控制系统及通讯设备
- 充放电、照明、噪音抑制及频率调制

DIELECTRIC 介质	Polyester film 聚酯薄膜
ELECTRODES 电极	Vacuun evaporated metal 真空蒸镀金属
COATING 包封	Out wrapped with Mylar tape and ends sealed with epoxy resin 玛拉胶带包封, 环氧树脂封装
LEADS 导线	Axial leads of tinned wire 轴向镀锡导线
REFERENCE STANDARD 引用标准	IEC 384-2 grade 1; SJ/T 10873-1996
CLIMATIC CATALOGUE 气候类别	40/85/21 (From 85 °C up to 105 °C with derating voltage 1.25%/°C ) (85 °C至 105 °C间按 1.25%/°C递减电压)
APACITANCE VERSUS RATED VOLTAGE(U <sub>R</sub> ) 静电容量与额定误差	0.01μF-25μF/ 100VDC    0.01μF-18μF/250VDC 0.01uF-6.8uF/400VDC    0.01uF-6.8uF/630VDC
CAPACITANCE TOLERANCE 静电容量误差	M=±20%    K=±10%    J=±5%
DISSIPATION FACTOR (TANGENT OF LOSS) 散逸因素 (损耗角正切)	C ≤ 1.0μF    DF ≤ 0.8% C > 1.0μF    DF ≤ 1.0%    (at 20 °C ,1KHz)
VOLTAGE PROOF 耐电压	1.6*U <sub>R</sub> Unit:VDC (5s at 20 °C )
INSULATION RESISTANCE 绝缘电阻	C ≤ 0.33μF,    IR ≥ 15000MΩ; C > 0.33μF,    IR*C ≥ 3000S    (1minute 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 试验温度下, 125% 之额定电压 1000 小时, Δ C/C ≤ 8%; Δ DF ≤ 0.30% (C > 1μF); Δ DF ≤ 0.50% (C ≤ 1μF) ; IR ≥ 0.5% of the specified value (标称值) . (20 °C 1KHz)

★ OUTLING DRAWING 外观图

★ PICTURE 实物图



★ DIMENSION 尺寸

UNIT 单位: mm

CAPACITANCE		100VDC				250VDC				400VDC				630VDC			
SYMBOL	$\mu\text{F}$	L	H	T	d $\Phi$	L	H	T	d $\Phi$	L	H	T	d $\Phi$	L	H	T	d $\Phi$
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	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	9.0	5.0	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	0.8	16.0	10.0	6.0	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	0.8	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	21.0	15.0	9.0	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	26.0	16.0	9.0	0.8	32.0	19.0	11.0	0.8	32.0	32.0	20.0	0.8
225	2.2	21.0	17.0	11.0	0.8	26.0	18.0	10.0	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	32.0	24.0	14.0	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)可依需求制作特殊规格