

# MET (CL20) Metallized Polyester Film Capacitor (Tubular)

## 金属化聚酯薄膜电容器（管型）

### ★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 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

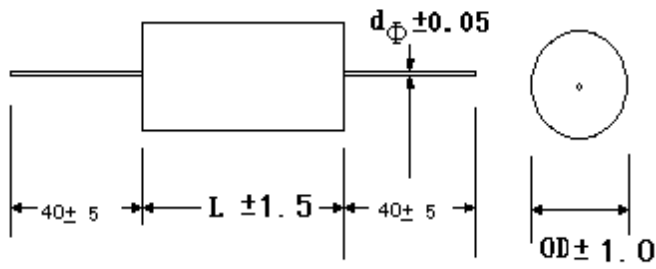
### 用途:

- 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 聚脂薄膜
ELECTRODES 电极	Vacuum 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
LEAD 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/T10873-1996
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)
CAPACITANCE VERSUS RATED VOLTAGE(UR) 静电容量与额定电压	0.01μF-25μF/100VDC;      0.01μF-18μF/250VDC 0.01μF-6.8μF/ 400VDC;      0.01μF-2.2μF/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%    (1 minute at 20 °C)
VOLTAGE PROOF 耐电压	1.6*UR    Unit:VDC (5s at 20 °C)
INSULATION RESISTANC 绝缘电阻	C ≤ 0.33μF    IR ≥ 15,000MΩ 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, 试验完成后: △ C/C ≤ 8%; △ DF ≤ 0.30% (C > 1μF); △ DF ≤ 0.50% (C ≤ 1μF) ; IR ≥ 0.5% of the specified value (标称值) .      (20 °C 1KHz)

★OUTLINE DRAWING 外形图

★PICTURE 实物图



★DIMENSION 尺寸

UNIT 单位 : mm

CAPACITANCE		100VDC			250VDC			400VDC			630VDC		
SYM BOL	$\mu F$	L	OD	d $\Phi$	L	OD	d $\Phi$	L	OD	d $\Phi$	L	OD	d $\Phi$
103	0.010	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.5	0.6
153	0.015	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	16.0	7.0	0.6
223	0.022	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	16.0	7.0	0.6
333	0.033	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	16.0	8.0	0.6
473	0.047	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	16.0	9.0	0.6
683	0.068	16.0	6.0	0.6	16.0	6.0	0.6	16.0	6.0	0.6	21.0	9.0	0.8
104	0.10	16.0	6.0	0.6	16.0	6.0	0.6	21.0	8.0	0.8	21.0	10.0	0.8
154	0.15	16.0	6.0	0.6	16.0	5.5	0.6	21.0	9.0	0.8	26.0	11.0	0.8
224	0.22	16.0	6.0	0.6	16.0	8.5	0.6	21.0	9.5	0.8	26.0	13.0	0.8
334	0.33	16.0	6.0	0.6	21.0	8.0	0.8	26.0	10.0	0.8	32.0	14.0	0.8
474	0.47	16.0	6.5	0.6	21.0	9.0	0.8	26.0	12.0	0.8	32.0	15.0	0.8
684	0.68	21.0	8.5	0.8	26.0	9.0	0.8	32.0	12.5	0.8	32.0	18.0	0.8
105	1.0	21.0	10.0	0.8	26.0	11.0	0.8	32.0	15.0	0.8	32.0	20.0	0.8
155	1.5	26.0	10.5	0.8	26.0	12.0	0.8	32.0	18.0	0.8	32.0	22.0	0.8
225	2.2	26.0	11.0	0.8	32.0	13.5	0.8	32.0	21.0	0.8	32.0	28.0	0.8
335	3.3	26.0	14.0	0.8	32.0	16.5	0.8	32.0	27.0	0.8			
475	4.7	32.0	15.0	0.8	32.0	19.0	0.8	32.0	28.0	0.8			
685	6.8	32.0	17.5	0.8	36.0	20.0	0.8	46.0	21.0	0.8			
106	10.0	32.0	20.0	0.8	46.0	18.0	0.8						
126	12.0	32.0	21.0	0.8	46.0	20.0	0.8						
156	15.0	32.0	22.0	0.8	46.0	22.0	0.8						
186	18.0	32.0	23.0	0.8	46.0	24.0	0.8						
226	22.0	32.0	25.0	0.8									
256	25.0	32.0	28.0	0.8									

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊规格