

# MEC (CL23) Metallized Polyester Film Capacitor (Encased)

## 金属化聚酯薄膜电容器 (盒子型)

### ★FEATURE

- Non-inductive construction
- Self-healing
- High moisture resistance
- Super physical and environmental characteristics

### ★APPLICATION

- Filter and noise suppression circuit
- Pulse ,logic and timing circuit
- DC-blocking,by-passing and signal coupling in general communication's equipment

### 特点:

- 无感型结构
- 自愈性
- 高耐湿特性
- 优异的物理特性及环境适应性

### 用途:

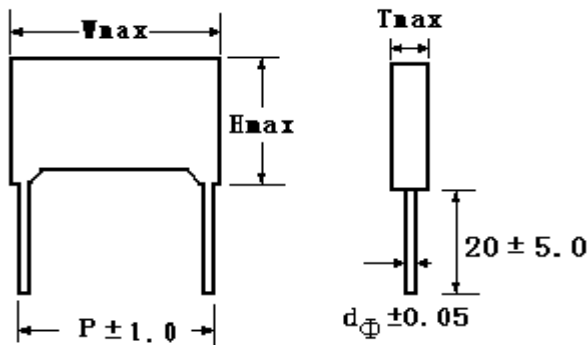
- 滤波及噪音抑制回路
- 脉冲、逻辑、定时回路
- 通讯设备中之直流减振，旁路及信号耦合

### ★SPECIFICATIONS 技术要求:

DIELECTRIC 介质	Polyester film 聚酯薄膜
ELECTRODES 电极	Vacuum evaporated metal 真空蒸镀金属
COATING 包封	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL 94V-0, UL94V-0 盒子并用环氧树脂封装
LEADS 导线	Radial leads of tinned wire 径向镀锡导线
REFERENCE STANDARD 引用标准	IEC 384-2 grade 1; SJ/T 10874-1996
CLIMATIC CATALOGUE 气候类别	40/100/21 (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(U <sub>R</sub> ) 静电容量与额定电压	0.001μF-6.8μF50/100VDC      0.001μF-6.8μF/250VDC 0.001μF-2.2μF/400VDC      0.001μF-1.5μF/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 ≤ 1.0uF    DF ≤ 0.8%; C > 1.0uF    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 ≤ 0.33uF, IR ≥ 15000MΩ; C > 0.33uF, 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条件下, 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 外观图

★PICTURE 实物图



★DIMENSION 尺寸

UNIT 单位 :mm

capacitance		50/100VDC					250VDC					400VDC					630VDC				
symbol	uF	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ
102	0.0010	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
152	0.0015	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
222	0.0022	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
332	0.0033	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
472	0.0047	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
682	0.0068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
103	0.010	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
153	0.015	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6
223	0.022	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6
333	0.033	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	10.0	5.0	15.0	0.8
473	0.047	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8
683	0.068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	18.0	10.0	5.0	15.0	0.8	18.0	12.0	6.0	15.0	0.8
104	0.10	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	11.0	5.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8
154	0.15	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8	26.5	16.0	7.0	22.5	0.8
224	0.22	13.0	9.0	4.0	10.0	0.8	13.0	11.0	5.0	10.0	0.6	18.0	13.5	7.5	15.0	0.8	18.0	16.0	10.0	15.0	0.8
																	26.5	18.5	10.0	22.5	0.8
334	0.33	18.0	10.0	5.0	15.0	0.8	18.0	12.0	6.0	15.0	0.8	18.0	18.0	10.0	15.0	0.8	26.5	18.5	10.0	22.5	0.8
												26.5	15.0	6.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8
474	0.47	18.0	12.0	6.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8	26.5	17.0	8.5	22.5	0.8	26.0	21.5	12.0	22.5	0.8
																	32.0	20.0	11.0	27.5	0.8
684	0.68	18.0	12.0	6.0	15.0	0.8	26.5	15.0	6.0	22.5	0.8	26.0	21.5	12.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8
												32.0	20.0	11.0	27.5	0.8					
105	1.0	18.0	13.5	7.5	15.0	0.8	18.0	16.0	10.0	15.0	0.8	26.0	21.5	12.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8
							26.5	17.0	8.5	22.5	0.8	32.0	20.0	11.0	27.5	0.8					
155	1.5	18.0	16.0	10.0	15.0	0.8	26.5	18.5	10.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8
		26.5	16.0	7.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8										
225	2.2	18.0	18.0	10.0	15.0	0.8	32.0	20.0	11.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8					
		26.5	17.0	8.5	22.5	0.8															
335	3.3	26.5	18.5	10.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8										
475	4.7	32.0	20.0	11.0	27.5	0.8	32.0	30.0	15.0	27.5	0.8										
685	6.8	32.0	22.0	13.0	27.5	0.8	31.0	31.0	18.0	27.5	0.8										

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