

PEN (CL12) Polyester Film/foil Capacitor (Non-inductive)

聚酯膜—箔式电容器（无感型）

★FEATURE

- High stability of capacitance and DF versus temperature and frequency.
- High IR
- Non-inductive construction
- High pulse rise rate(du/dt) and suitable for large current circuit

★APPLICATION

- Most suitable for high frequency large current circuit and s-shaping correction in TV set
- Widely used in high frequency, high voltage DC and pulse circuits
- Filter and noise suppression circuit

★SPECIFICATIONS 技术要求:

特点:

- 容量, 损耗随温度频率具高稳定性.
- 高绝缘
- 无感型结构
- 高电流爬升速率并适用于大电流回路

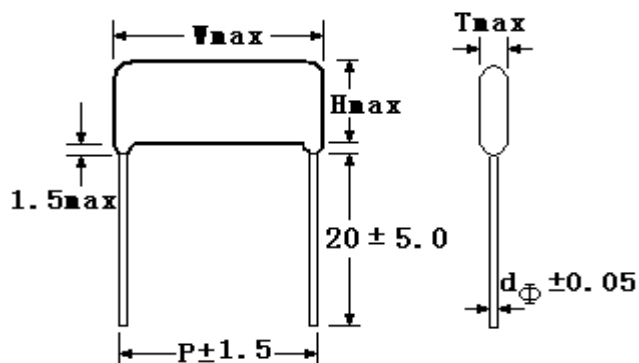
用途:

- 电视中 S 一形校正回路及高频大电流回路
- 广泛应用于高频、大电流、直流、脉冲回路
- 滤波及噪音抑制回路

DIELECTRIC 介质	Polyester film 聚酯薄膜
ELECTRODES 电极	Aluminum foil 铝箔极板
COATING 包封	Epoxy resin coating 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 384-13 ; SJ/T 10787-1996
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(U _R) 静电容量与额定电压	0.001μF-0.47μF/100VDC 0.001μF-0.47μF/250VDC 0.001μF-0.47μF/400VDC; 0.001μF-0.33μF/30VDC
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)	≤ 1.0% (at 20 °C 1KHz)
VOLTAGE PROOF 耐电压	2.0*U _R Unit:VDC (1minute at 20 °C and RH ≤ 65%)
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	2000 hours with 150% of rated voltage at 85 °C .After the test: 85 °C条件下, 150%之额定电压 1000 小时。试验完成后: △ C/C ≤ 5%; △ DF ≤ 1% IR ≥ 50% 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		50V/100VDC					250VDC					400VDC					630VDC				
SYMBOL	μF	W	H	T	P	d Φ	W	H	T	P	d Φ	W	H	T	P	d Φ	W	H	T	P	d Φ
102	0.0010	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
152	0.0015	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
222	0.0022	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
332	0.0033	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
472	0.0047	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
682	0.0068	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6
103	0.010	12.0	9.0	5.0	10.0	0.6	10.0	10.0	6.0	7.5	0.6	10.0	10.0	6.0	7.5	0.6	14.0	11.5	7.0	10.0	0.6
153	0.015	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	11.5	7.0	10.0	0.6
223	0.022	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	13.5	9.0	10.0	0.6
333	0.033	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	10.0	7.0	10.0	0.6	14.0	15.0	9.0	10.0	0.6
473	0.047	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	18.0	13.0	8.5	15.0	0.8	23.0	15.0	8.5	20.0	0.8
683	0.068	14.0	12.0	6.5	10.0	0.6	18.0	13.0	8.5	15.0	0.8	23.0	15.0	8.0	20.0	0.8	23.0	17.0	9.0	20.0	0.8
104	0.10	18.0	11.0	7.0	15.0	0.8	23.0	15.0	8.0	20.0	0.8	23.0	16.0	9.0	20.0	0.8	23.0	19.0	10.5	20.0	0.8
154	0.15	18.0	13.0	8.0	15.0	0.8	23.0	16.0	9.0	20.0	0.8	31.0	18.0	9.0	27.5	0.8	31.0	19.0	11.0	27.5	0.8
224	0.22	18.0	16.0	11.5	15.0	0.8	23.0	18.0	11.0	20.0	0.8	31.0	19.0	10.0	27.5	0.8	31.0	23.0	14.0	27.5	0.8
334	0.33	23.0	19.0	11.0	20.0	0.8	31.0	19.0	10.0	27.5	0.8	31.0	21.5	13.5	27.5	0.8	31.0	25.0	15.0	27.5	0.8
474	0.47	23.0	21.0	12.5	20.0	0.8	31.0	21.0	12.0	27.5	0.8	31.0	27.0	18.0	27.5	0.8					

(Special size or items on request) 可依需求制作特殊规格