

PEI (CL11) Polyester Film/foil Capacitor (Inductive)

聚酯膜—箔式电容器（有感型）

★ FEATURE

- Small size, light weight and low cost
- Dissipation Factor is small because of the leads are directly welded to the electrodes
- Epoxy resin vacuum-dipped enhance the mechanical strength and humidity resistance

★ APPLICATION

- Widely used in DC and pulsing circuits of radio, TV sets and various electronic equipments
- PEI is suitable for high voltage usage such as energy-saving lamp and mosquito-killer lamp

特点:

- 体积小, 重量轻, 价格便宜
- 散逸因素因引脚直接点焊于极板而特别小
- 真空条件下环氧树脂含浸, 加强机械强度, 耐湿性

用途:

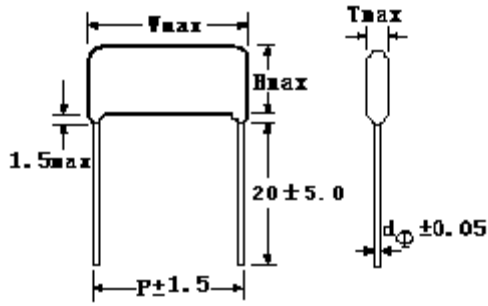
- 广泛用于收音机、电视、各式电器设备中直流及脉冲回路
- PEI 适用于高压用途, 诸如节能灯, 捕蚊灯

★ SPECIFICATION S 技术要求:

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 384-11 SJ/T10786-1996
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 间接 1.25%/ °C 递减电压)
CAPACITANCE VERSUS RATED VOLTAGE(UR) 静电容量与额定电压	0.001μF-0.47μF/100VDC 0.001μF-0.27μF/250VDC 0.001μF-0.10μF/400VDC 0.001μF-0.047μF/1000VDC
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	IR ≥ 30000MΩ (1minute at 20 °C and RH ≤ 65%)
ENDURANCE 耐久性	2000 hours with 140% of rated voltage at 85 °C .After the Test : 85 °C 条件下, 140% 之额定电压 2000 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		50/100VDC					250VDC					400VDC					1000V				
SYM BOL	μF	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ	W	H	T	P	dφ
102	0.0010	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5	8.5	13.0	6.5	4.0	0.5
122	0.0012	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5	8.5	13.0	6.5	4.0	0.5
152	0.0015	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	7.5	12.5	4.0	4.0	0.5	9.0	13.0	6.5	4.0	0.5
182	0.0018	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	7.5	12.5	4.0	4.0	0.5	9.0	13.0	6.5	4.0	0.5
222	0.0022	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	7.5	12.5	5.0	4.0	0.5	9.5	13.0	6.5	4.0	0.5
272	0.0027	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	8.0	13.0	4.5	6.0	0.5	9.5	13.0	6.5	4.0	0.5
332	0.0033	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	8.0	13.5	5.0	6.0	0.5	10.0	13.0	8.5	4.0	0.5
392	0.0039	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	9.0	14.0	5.0	6.0	0.5	10.0	13.0	8.5	5.0	0.5
472	0.0047	6.0	10.5	3.5	3.5	0.5	6.5	11.0	3.5	3.5	0.5	9.0	14.0	6.0	6.0	0.5	10.0	13.0	9.0	5.5	0.5
562	0.0056	6.0	10.5	3.5	3.5	0.5	7.0	11.0	5.0	4.0	0.5	9.5	14.0	6.0	6.0	0.5	11.0	15.5	9.5	5.5	0.5
682	0.0068	6.0	11.5	3.5	3.5	0.5	7.0	11.0	5.0	4.0	0.5	9.5	14.5	6.0	6.0	0.5	12.0	15.5	10.0	6.0	0.5
822	0.0082	6.5	11.5	5.0	4.0	0.5	8.0	13.0	4.0	4.0	0.5	10.5	15.0	6.5	7.0	0.5	12.5	15.5	10.0	8.0	0.5
103	0.010	6.5	11.5	5.0	4.0	0.5	8.0	13.0	4.0	4.0	0.5	10.5	15.0	6.5	7.0	0.5	13.0	15.5	11.0	8.0	0.5
123	0.012	6.5	11.5	5.0	4.0	0.5	8.0	13.0	4.0	4.0	0.5	12.0	15.5	8.0	7.0	0.5	13.0	15.5	11.0	9.0	0.5
153	0.015	7.5	12.0	5.0	4.5	0.5	9.0	13.5	5.0	4.5	0.5	12.0	15.5	8.0	7.0	0.5	14.0	19.5	12.0	9.0	0.5
183	0.018	7.5	12.0	5.0	4.5	0.5	9.0	14.0	6.0	6.5	0.5	12.0	18.5	8.5	7.0	0.5	14.5	19.5	12.0	10.0	0.5
223	0.022	8.0	12.0	5.0	5.0	0.5	9.0	14.0	6.0	6.5	0.5	12.0	18.5	8.5	7.0	0.5	15.0	19.5	12.0	11.0	0.5
273	0.027	8.0	12.0	5.0	5.0	0.5	9.0	14.0	6.0	6.5	0.5	13.5	21.0	8.5	9.0	0.6	16.0	21.0	12.5	11.0	0.5
333	0.033	9.5	12.0	5.0	5.5	0.5	10.0	15.0	6.5	6.5	0.6	13.5	21.0	8.5	9.0	0.6	16.5	21.0	13.5	12.0	0.5
393	0.039	9.5	12.5	5.0	5.5	0.5	10.0	15.0	6.5	6.5	0.6	15.5	22.0	9.5	9.0	0.6	17.0	22.0	14.5	12.0	0.5
473	0.047	9.5	12.5	5.0	5.5	0.5	12.5	17.5	8.5	6.5	0.6	15.5	22.0	9.5	9.0	0.6	18.0	22.5	15.0	12.0	0.5
563	0.056	10.0	12.5	7.5	7.5	0.5	14.0	21.0	8.5	7.5	0.6	17.5	23.5	11.5	9.0	0.6					
683	0.068	10.0	12.5	7.5	7.5	0.5	14.0	21.0	8.5	7.5	0.6	17.5	23.5	11.5	9.0	0.6					
823	0.082	11.0	12.5	7.5	7.5	0.5	16.0	22.0	9.5	8.5	0.6	19.0	24.5	11.0	11.5	0.6					
104	0.10	11.0	14.5	7.5	7.5	0.5	16.0	22.0	9.5	8.5	0.6	19.0	24.5	12.0	11.5	0.6					
124	0.12	12.5	16.5	8.0	8.0	0.5															
154	0.15	12.5	16.5	8.0	8.0	0.5															
184	0.18	13.0	16.5	8.0	8.0	0.5															
224	0.22	14.0	17.5	9.0	9.0	0.5															
274	0.27	14.0	17.5	9.5	9.0	0.5															
334	0.33	16.0	19.5	10.0	10.0	0.5															
394	0.39	16.0	20.5	10.0	10.0	0.5															
474	0.47	16.0	21.5	10.0	10.0	0.5															

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊要求