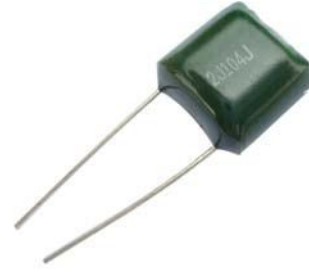


# Polyester Film / Foil Capacitor (Inductive)

## SPKF01 PEI (CL11) Series

### ■ Features

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



### ■ Applications

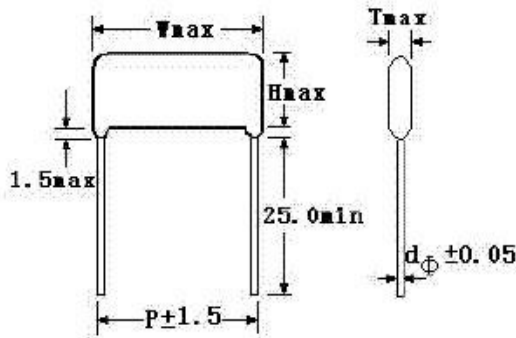
- Widely used in DC and pulsating circuits of radio, TV sets and various equipments
- PEI-M is space-saving and suitable for control unit
- PEI-H is suitable for high voltage usage such as energy-saving lamp and mosquito-killer lamp

### ■ Specifications

<b>Dielectric</b>	Polyester film	
<b>Electrodes</b>	Aluminum Foil	
<b>Coating</b>	Epoxy resin coating	
<b>Leads</b>	Radial leads of tinned wire	
<b>Reference Standard</b>	IEC384-11; SJ/T10786-1996	
<b>Climatic Catalogue</b>	40/85/21(From 85°C up to 105°C with derating voltage 1.25%/°C)	
<b>Capacitance Versus Rated Voltage (U<sub>R</sub>)</b>	0.001uF-0.47uf/100VDC 0.001uF-0.10uF/400VDC	0.001uF-0.27uF/250VDC 0.001uF-0.047uF/1000VDC
<b>Capacitance Tolerance:</b>	M=±20% K=±10% J=±5%	
<b>Dissipation Factor (Tangent Of Loss)</b>	DF≤1.0%(at 20°C,1KHz)	
<b>Voltage Proof</b>	2.0*U <sub>r</sub> (1minute at 20°C and RH≤65%)	
<b>Insulation Resistance</b>	C≤0.33uF IR≥15000MΩ; C>0.33uF IR*C≥3000S (1 minute at 20°C and RH≤65%)	
<b>Endurance</b>	2000hours with 140% of rated voltage at 85°C,After the test: ΔC/C≤5%; ΔDF≤1% IR≥50% of the specified value(20°C 1KHz)	

# Polyester Film / Foil Capacitor (Inductive)

## Outline Drawing



## Dimension

Unit : mm

Capacitance(uF)	50/100VDC					250VDC					400VDC					1000VDC				
	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$
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
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
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
	5.5	7.5	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
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
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
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
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
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
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
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
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
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
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
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
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
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	0.5
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	0.5
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	0.5
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	0.5
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	0.5
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	0.5
	7.5	9.5	4.5	5.5	0.5						15.5	22.0	9.5	9.0	0.6	18.0	22.5	15.0	12	0.5
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					
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					
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					
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					
0.12	12.5	16.5	8.0	8.0	0.5															
0.15	12.5	16.5	8.0	8.0	0.5															
0.18	13.0	16.5	8.0	8.0	0.5															
0.22	14.0	17.5	9.0	9.0	0.5															
0.27	14.0	17.5	9.5	9.5	0.5															
0.33	16.0	19.5	10	10	0.5															
0.39	16.0	20.5	10	10	0.5															
0.47	16.0	21.5	10	10	0.5															

Special size or items on request