



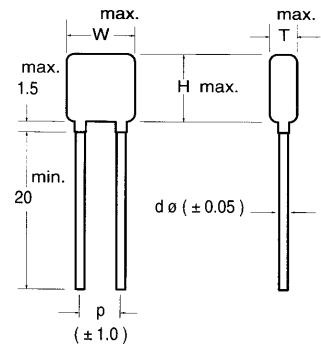
# POLYESTER FLIM CAPACITOR

## TYPE PEI

### INDUCTIVE, RADIAL LEADS, EPOXY COATED

#### FEATURES:

- Inductive construction with a dielectric of polyester film and aluminum foil. Series resistance is minimized for spot electrode and lead.
- Coated with epoxy resin, enhance mechanical strength for superior heat, humidity and solvent resistance.
- High stability and reliability ideal for consumer & industrial electronics use in by-pass, coupling, decoupling and filtering circuits.



#### SPECIFICATIONS:

Operating Temperature Range	-40°C ~ +85°C
Rated Working Voltage	100V, 250V, 400V, 630V (DC)
Rated Capacitance Range	0.001 $\mu$ F ~ 0.47 $\mu$ F
Capacitance Tolerance	J ( $\pm$ 5%), K ( $\pm$ 10%)
Dielectric Strength	Withstand 250% of rated working voltage for 5 $\pm$ 1 sec.
Dissipation Factor (D.F.)	Less than 1.0% at 1KHz, 25°C
Insulation Resistance	20,000 M $\Omega$ min., for C $\leq$ 0.1 $\mu$ F 2,000 M $\Omega$ X $\mu$ F min., for C > 0.1 $\mu$ F

#### DIMENSIONS:

(unit: mm)

W.V.	50V / 100V DC					250V DC					400V DC					630V DC				
Cap. ( $\mu$ F)	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$
0.001	6.0	11.0	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	7.0	12.0	4.0	4.0	0.5	7.0	12.0	4.0	4.0	0.5
0.0015	6.0	11.0	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	7.0	12.0	4.0	4.0	0.5	7.0	12.0	4.0	4.0	0.5
0.0018	6.0	11.0	4.0	3.5	0.5	6.0	11.0	4.0	3.5	0.5	7.0	12.0	4.0	4.0	0.5	7.0	12.0	4.0	4.0	0.5
0.0022	7.0	11.0	4.0	3.5	0.5	7.0	11.0	4.0	3.5	0.5	7.5	13.0	4.5	4.5	0.5	7.5	13.0	4.5	4.5	0.5
0.0033	7.0	11.0	4.0	3.5	0.5	7.0	11.0	4.0	3.5	0.5	7.5	13.0	4.5	4.5	0.5	7.5	13.0	4.5	4.5	0.5
0.0039	7.0	11.0	4.0	3.5	0.5	7.0	11.0	4.0	3.5	0.5	7.5	13.0	4.5	4.5	0.5	7.5	13.0	4.5	4.5	0.5
0.0047	7.0	11.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	14.0	5.0	5.0	0.5	8.0	14.0	5.0	5.0	0.5
0.0068	7.0	11.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	8.0	14.0	5.0	5.0	0.5	8.0	14.0	5.0	5.0	0.5
0.0082	7.0	11.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	9.0	14.0	6.0	5.0	0.5	9.0	14.0	6.0	5.0	0.5
0.010	7.0	11.0	4.0	4.0	0.5	7.0	11.0	4.0	4.0	0.5	9.0	14.0	6.0	5.0	0.5	9.0	14.0	6.0	5.0	0.5
0.015	8.0	11.0	4.0	4.0	0.5	8.0	12.0	5.0	5.0	0.5	10.0	15.0	6.0	6.0	0.5	10.0	15.0	6.0	6.0	0.5
0.022	8.0	12.0	4.0	5.0	0.5	8.0	12.0	5.0	5.0	0.5	12.0	16.0	7.0	7.0	0.5	11.0	15.0	6.0	6.50	0.5
0.027	8.0	12.0	5.0	5.5	0.5	9.0	12.0	6.0	6.0	0.5	12.0	16.0	7.0	7.0	0.5	12.0	16.0	7.0	7.0	0.5
0.033	9.0	12.0	5.0	5.5	0.5	9.0	12.0	6.0	6.0	0.5	12.0	16.0	7.0	7.0	0.5	12.0	16.0	7.0	7.0	0.5
0.039	9.0	13.0	5.0	6.0	0.5	9.0	13.0	6.0	6.0	0.5	12.5	16.0	7.5	7.5	0.5	12.5	16.0	7.5	7.5	0.5
0.047	9.0	13.0	5.0	6.0	0.5	9.0	13.0	6.0	6.0	0.5	12.5	16.0	7.5	7.5	0.5	12.5	16.0	7.5	7.5	0.5
0.056	10.0	13.0	5.0	6.0	0.5	11.0	13.0	6.0	6.0	0.5	13.0	16.0	7.5	7.5	0.5	13.0	16.0	7.5	7.5	0.5
0.068	10.0	13.0	5.0	6.0	0.5	11.0	13.0	6.0	6.0	0.5	14.0	17.0	8.0	8.0	0.5	14.0	17.0	8.0	8.0	0.5
0.082	11.0	13.0	6.0	6.5	0.5	11.0	14.0	6.5	6.5	0.5	14.0	17.0	8.5	8.5	0.5	14.0	17.0	8.5	8.5	0.5
0.10	11.0	14.0	6.0	7.0	0.5	11.0	14.0	6.5	7.0	0.5	15.0	18.0	9.0	9.0	0.5	15.0	18.0	9.0	9.0	0.5
0.15	12.0	14.0	7.0	7.5	0.5															
0.22	12.0	15.0	8.0	8.0	0.5															
0.27	14.0	17.0	9.0	8.5	0.5															
0.33	14.0	17.0	9.0	9.0	0.5															
0.39	16.0	18.0	10.0	9.5	0.5															
0.47	16.0	18.0	10.0	9.5	0.5															