

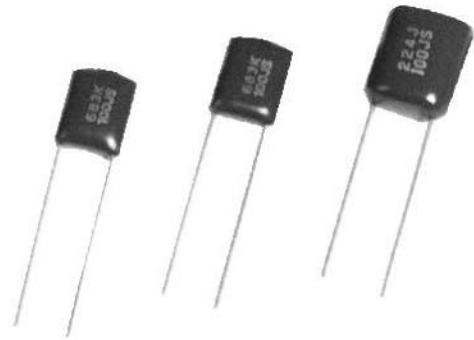
POLYESTER FILM CAPACITORS (INDUCTIVE)

PEI Series

INTRODUCTION :

◆ **PEIR Series** capacitor are constructed with polyester film dielectric, aluminum foil electrode, copper-ply lead and epoxy resin coating in inductive type.

◆ **PEIR Series** capacitor are ideal for use in TV sets, radios, tape-recorders, stereo equipments and other general electronic equipments.



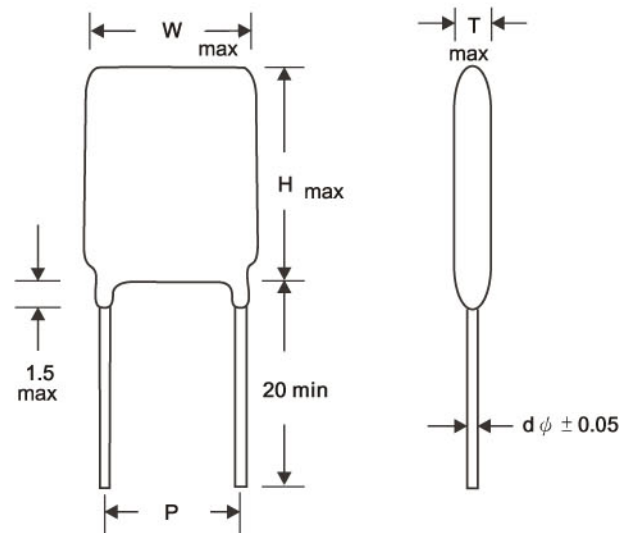
FEATURES :

- ◆ High stability and reliability.
- ◆ Low dissipation factor.
- ◆ High insulation resistance.
- ◆ Good solder ability.
- ◆ Small size and low cost.
- ◆ Available on tape and reel for automatic insertion.

SPECIFICATION :

1. **OPERATING TEMPERATURE** : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
2. **CAPACITANCE RANGE** : $0.001 \sim 0.22 \mu\text{F}$.
3. **CAPACITANCE TOLERANCE** : $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
4. **RATED VOLTAGE** : 50 VDC (1H), 100 VDC (2A).
5. **DIELECTRIC STRENGTH** : will withstand 200% of rated voltage for 60 seconds.
6. **DISSIPATION FACTOR (DF)** : 1.0% MAX. When measured at 1 K Hz, 25°C .
7. **INSULATION RESISTANCE (IR)** : 30,000M Ω MIN. When measured at 100 VDC wit a charging time of 1 minute at 25°C .
8. **MARKING** : Capacitance, tolerance, DC nominal voltage and manufacturer's logo.

OUTLINE DRAWING



POLYESTER FILM CAPACITORS (INDUCTIVE)

PEI Series

DIMENSION : (STANDARD TYPE)

Unit : mm

Capacitance		50 / 100 VDC					$\alpha\phi$	Capacitance		50 / 100 VDC				
Code	μF	W	H	T	P	Code		μF	W	H	T	P	$\alpha\phi$	
102	0.001	6.0	10.5	3.5		0.5	273	0.027	12.0	4.0	4.0	4.0	0.5	
122	0.0012	6.0	10.5	3.5	3.0	0.5	333	0.033	12.0	5.0	5.0	4.5	0.5	
152	0.0015	6.0	10.5	3.5	3.0	0.5	393	0.039	12.5	5.0	5.0	5.0	0.5	
182	0.0018	6.0	10.5	3.5	3.0	0.5	473	0.047	12.5	5.0	5.0	5.0	0.5	
222	0.0022	6.0	10.5	3.5	3.0	0.5	563	0.056	12.5	5.0	5.0	5.0	0.5	
272	0.0027	6.0	10.5	3.5	3.0	0.5	683	0.068	12.5	5.5	5.5	5.5	0.5	
332	0.0033	6.5	10.5	3.5	3.0	0.5	823	0.082	12.5	6.5	6.5	6.5	0.5	
392	0.0039	6.5	10.5	3.5	3.0	0.5	104	0.1	12.5	6.5	6.5	6.5	0.5	
472	0.0047	6.5	10.5	3.5	4.0	0.5	124	0.12	13.5	7.0	7.0	7.5	0.5	
562	0.0056	6.5	10.5	4.0	4.0	0.5	154	0.15	14.0	7.0	7.0	7.5	0.5	
682	0.0068	6.5	10.5	4.0	4.0	0.5	184	0.18	14.5	7.5	7.5	7.5	0.5	
822	0.0082	6.5	10.5	4.0	4.0	0.5	224	0.22	14.5	8.0	8.0	8.0	0.5	
103	0.01	6.5	10.5	4.0	4.0	0.5								
123	0.012	6.8	12.0	4.0	4.0	0.5								
153	0.015	6.8	12.0	4.0	4.0	0.5								
183	0.018	7.5	12.0	4.0	4.0 ^{+1.5} _{-0.5}	0.5								
223	0.022	7.5	12.0	4.0	4.0	0.5								

DIMENSION : (MINIATURE 50 / 100 VDC)

Unit : mm

Capacitance		T	W	H	P	$\alpha\phi$	Capacitance		T	W	H	P	$\alpha\phi$
Code	μF						Code	μF					
102	0.001	3.0	6.0	8.0	4.0±1.0	0.5	273	0.027	5.0	8.0	9.5	4.0±1.0	0.5
122	0.0012	3.0	6.0	8.0	4.0±1.0	0.5	333	0.033	5.0	8.0	9.5	4.0±1.0	0.5
152	0.0015	3.0	6.0	8.0	4.0±1.0	0.5	393	0.039	5.0	8.0	9.5	5.0±1.0	0.5
182	0.0018	3.0	6.0	8.0	4.0±1.0	0.5	473	0.047	5.0	8.0	10.0	5.0±1.0	0.5
222	0.0022	3.0	6.0	8.0	4.0±1.0	0.5	683	0.068	5.0	9.5	10.0	5.0±1.0	0.5
272	0.0027	3.0	6.0	8.0	4.0±1.0	0.5	104	0.10	6.0	11.0	10.0	5.0±1.0	0.5
332	0.0033	3.0	6.0	8.0	4.0±1.0	0.5	154	0.15	6.5	11.0	12.0	5.0±1.0	0.5
392	0.0039	3.0	6.5	8.0	4.0±1.0	0.5	224	0.22	7.5	11.5	12.5	7.5±1.0	0.6
472	0.0047	3.5	6.5	8.0	4.0±1.0	0.5							
562	0.0056	3.5	6.5	8.0	4.0±1.0	0.5							
682	0.0068	3.5	6.5	8.0	4.0±1.0	0.5							
822	0.0082	3.5	6.5	8.0	4.0±1.0	0.5							
103	0.01	3.5	6.5	8.0	4.0±1.0	0.5							
123	0.012	5.0	6.5	8.0	4.0±1.0	0.5							
153	0.015	5.0	6.5	9.0	4.0±1.0	0.5							
183	0.018	5.0	6.5	9.0	4.0±1.0	0.5							
223	0.022	5.0	6.5	9.5	4.0±1.0	0.5							