

Data Sheet

Customer : _____

Product : Polyester Film Capacitor - PEI series _____

Rated Voltage : 50V , 100V , 250V , 400V , 630V _____

Issued Date: 27-July-2023 _____

Edition: Ver. 2 _____

Record of change

Date	Ver.	Description	Page
17-Jul.-2014	1		
27-July-2023	2	Revised Specifications & 392/100V Size : 8.5x11x4.5	1

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27-July-2023	27-July-2023	27-July-2023	
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PEI SERIES

Polyester Film Capacitor

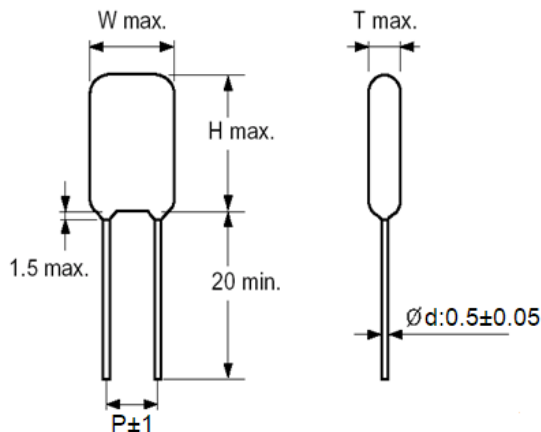
PEI are constructed with polyester film dielectric aluminum foil electrode, copperplated lead and epoxy resin in coating in inductive type. They are suitable for blocking, by-pass and coupling of DC and signal to VHF range, timing circuits, filtering and other general purpose usage and are ideal for use in TV, radio, taperecorder, stereo equipments and other general electronic equipments.

FEATURES

- High moisture resistance
- Good solderability.
- Available on tape and reel for automatic insertion
- ESR is minimized

SPECIFICATIONS

1. Operating Temperature range : $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
(Derating of rated voltage by 2.5%/°C at more than 85°C)
2. Capacitance Range : $0.001\mu\text{F} \sim 0.22\mu\text{F}$
3. Capacitance Tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)
4. Rated Voltage : 50VDC, 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation Factor : 1.0% max. at 1KHz, 25°C
6. Insulation Resistance : $>20,000 \text{ M}\Omega$ ($C \leq 0.1\mu\text{F}$).
 $>2,000 \text{ M}\Omega \mu\text{F}$ ($C > 0.1\mu\text{F}$)
7. Voltage proof : WVDCx150% for 1~5sec.



Unit : mm

W.V. Cap.	50/100V				250V				400V				630V			
	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
0.001	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	11.0	4.5	5.0	6.5	11.0	4.5	5.0
0.0015	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	11.0	4.5	5.0	7.0	11.0	4.5	5.0
0.0018	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	11.0	4.5	5.0	7.0	11.0	4.5	5.0
0.0022	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	11.0	4.5	5.0	7.5	11.0	4.5	5.0
0.0027	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	11.0	4.5	5.0	7.5	11.0	4.5	5.0
0.0033	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	7.5	13.5	4.5	5.0	8.0	13.0	5.0	5.0
0.0039	8.5	11.0	4.5	5.0	6.5	10.5	4.5	4.0	8.0	13.5	4.5	5.0	8.0	13.0	5.0	5.0
0.0047	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	8.0	13.5	5.0	5.0	8.0	13.5	5.0	5.0
0.0056	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	8.0	13.5	5.0	5.0	8.5	13.5	5.0	5.0
0.0068	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	8.0	13.5	5.0	5.0	8.5	13.5	5.0	5.0
0.0082	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	8.0	13.5	5.0	5.0	8.5	13.5	5.0	5.0
0.01	6.5	10.5	4.5	4.0	6.5	10.5	4.5	4.0	8.0	13.5	5.0	5.0	8.5	13.5	5.0	5.0
0.015	7.5	10.5	4.5	5.0	7.5	11.0	4.5	5.0	8.5	13.5	5.0	5.0	10.0	14.0	6.0	7.0
0.018	7.5	10.5	4.5	5.0	7.5	11.0	4.5	5.0	8.5	13.5	5.0	5.0	10.0	14.0	6.0	7.0
0.022	7.5	10.5	5.0	5.0	7.5	11.0	5.0	5.0	9.0	13.5	5.5	5.0	11.0	14.0	6.0	7.5
0.027	7.5	10.5	5.0	5.0	7.5	11.0	5.0	5.0	9.5	14.0	5.5	5.0	12.0	15.0	7.0	7.5
0.033	8.0	13.0	5.0	5.5	8.0	13.5	5.0	5.5	10.0	14.0	7.0	6.5	12.0	15.0	7.0	7.5
0.039	9.0	13.0	6.0	5.5	9.0	13.5	6.0	5.5	12.5	14.0	7.5	7.5	12.5	16.0	7.5	8.0
0.047	9.0	13.0	6.0	5.5	9.0	13.5	6.0	5.5	12.5	14.5	7.5	7.5	12.5	16.0	7.5	8.5
0.056	10.0	13.0	6.0	6.0	10.0	13.5	6.0	6.0	13.0	14.5	7.5	8.0	13.0	16.0	7.5	8.5
0.068	10.0	13.0	6.0	7.0	10.0	13.5	6.0	7.0								
0.082	11.0	13.0	6.5	7.0	11.0	13.5	6.5	7.0								
0.1	11.0	14.0	7.0	7.5	11.0	13.5	7.0	7.5								
0.15	12.5	14.0	7.5	7.5												
0.18	12.5	14.0	8.0	7.5												
0.22	12.5	15.0	8.0	7.5												