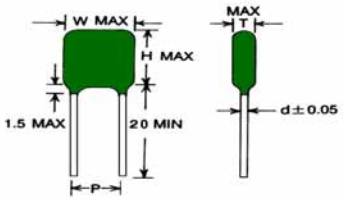
# POLYESTER FILM CAPACITOR.
# TYPE: PEI (Inductive)

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




## FEATURES:

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

**SPECIFICATION:**

**1.OPERATING TEMPERATURE:**-40℃~+85℃
**2.CAPACITANCE RANGE**:0.001uF~0.47uF.
**3.CAPACITANCE TOLERANCE**:±5%(J),±10%(K), ±20%(M)
**4.RATED VOLTAGE:** 100VDC, 250VDC, 400VDC,.630VDC
**5.DISSIPATION FACTOR:**1.0% MAX AT 1KHz, 25℃
**6.INSULATION RESISTANCE**:＞20000MΩ(C≦0.1uF)
＞2000MΩ uF
(C>0.1uF)
**7.TESTING VOLTAGE:**WVDCx150% For 1~5sec
**8.SOLDERABILITY:** 260℃±5℃ 3sec

Unit:mm

| RV / SIZE / CAP(μF) | 100VDC | | | | | 250VDC | | | | | 400VDC/630VDC | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **W** | **H** | **T** | **P±1** | **dψ** | **W** | **H** | **T** | **P±1** | **dψ** | **W** | **H** | **T** | **P±1** | **dψ** |
| **0.0010** | 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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **0.0056** | 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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **0.022** | 8.0 | 12.0 | 4.0 | 5.0 | 0.5 | 8.0 | 12.0 | 5.0 | 5.0 | 0.5 | 11.0 | 15.0 | 6.0 | 6.5 | 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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 | | | | | | | | | | |