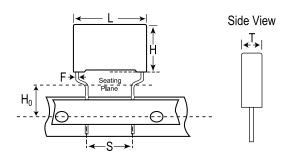
KEMET Part Number: PHE450XB4100JB04R17

(F450BD102J3K0A)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1000 pF, 5%, 3000 VDC, 85C, Lead Spacing = 7.5mm



| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | PHE450/F450 | |
| Dielectric: | Double Metallized Polypropylene | |
| Style: | Radial | |
| Features: | Pulse | |
| RoHS: | Yes | |
| Lead: | Formed To 7.5mm | |
| Miscellaneous: | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 98 C/W (85C), 0.2 m/s | |

| Dimensions | |
|------------|-------------------|
| L | 18mm MAX |
| Н | 10.5mm MAX |
| Т | 5.5mm MAX |
| S | 7.5mm +0.6/-0.1mm |
| LL | 17mm -1mm |
| HO | 16mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 800 |

| Specifications | |
|------------------------|--|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 1000 VAC |
| Voltage DC: | 3000 VDC (85C), 2220 VDC (105C) |
| Temperature Range: | -55/+105C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz |
| Insulation Resistance: | 30000 GOhms |
| Max dV/dt: | 2500 V/us |
| Inductance: | 6 nH |

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