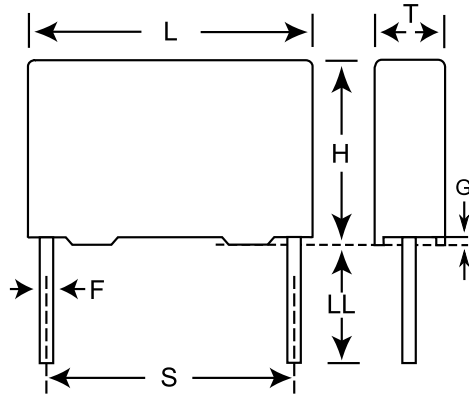


**KEMET Part Number: PHE448SB3150JR06**  
(F448BD151J2K0C)

Film, Film/Foil Polypropylene, Commercial Grade, PHE448/F448, 150 pF, 5%, 2,000 V, 85C, Lead Spacing = 15mm



**General Information**

|                       |   |
|-----------------------|---|
| <b>Dielectric:</b>    | Film/Foil Polypropylene   |
| <b>Style:</b>         | Radial  |
| <b>Series:</b>        | PHE448/F448   |
| <b>Features:</b>      | Pulse   |
| <b>RoHS:</b>          | Yes   |
| <b>Lead:</b>          | Wire Leads  |
| <b>Miscellaneous:</b> | Not For New Design, Please Check Possible Alternative Parts (AltPart). Rthha= 87 C/W (85C), 0.2 m/s |

**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 18mm MAX        |
| <b>H</b>  | 10.5mm MAX      |
| <b>T</b>  | 5.5mm MAX       |
| <b>S</b>  | 15mm +/-0.4mm   |
| <b>LL</b> | 6mm -1mm        |
| <b>F</b>  | 0.8mm +/-0.05mm |
| <b>G</b>  | 0.5mm NOM       |

**Specifications**

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Capacitance:</b>           | 150 pF                               |
| <b>Capacitance Tolerance:</b> | 5%                                   |
| <b>Voltage DC:</b>            | 2000 VDC, 1480 VDC (105C)            |
| <b>Voltage AC:</b>            | 700 VAC                              |
| <b>Temperature Range:</b>     | -55/+105C                            |
| <b>Rated Temperature:</b>     | 85C                                  |
| <b>Dissipation Factor:</b>    | 0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz |
| <b>Insulation Resistance:</b> | 200 GOhms                            |
| <b>Max dVdt:</b>              | 25,000 V                             |
| <b>Inductance:</b>            | 6 nH                                 |

**Packaging Specifications**

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | Bulk |
| <b>Packaging Quantity:</b> | 1000 |