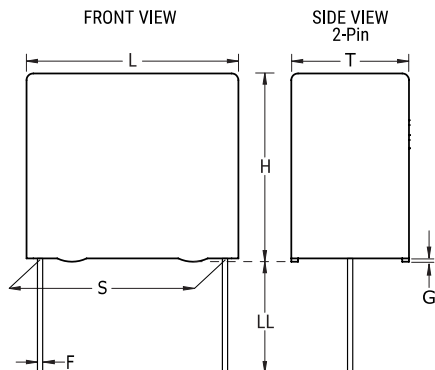


KEMET Part Number: PHE448SB4100JR06 Not for New Design
(F448BD102J2K0C)

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PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 1000 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



| General Information | |
|---------------------|-------------------------------|
| Series: | PHE448/F448 |
| Dielectric: | Film/Foil Polypropylene |
| Style: | Radial |
| Features: | Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| AEC-Q200: | No |
| Component Weight: | 1.35 g |
| Miscellaneous: | Rthha= 84 C/W (85C), 0.2 m/s. |

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

| Specifications | |
|------------------------|--------------------------------------|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 700 VAC |
| Voltage DC: | 2000 VDC, 1480 VDC (105C) |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz |
| Insulation Resistance: | 30 GOhms |
| Max dV/dt: | 25000 V/us |
| Inductance: | 6 nH |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 1000 |

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