

PHE450PR7100JR02R06L2

Aliases (F450RK105J1K0C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 5%, 1,000 VDC, 85°C, 37.5 mm



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|--|
| Series | PHE450/F450 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Typical Component Weight | 23 g |
| Miscellaneous | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 20 C/W (85C), 0.2 m/s. |
| Notes | Series Replaced by R76. |

Dimensions

| | |
|----|--------------------|
| L | 41mm -0.7mm |
| H | 32mm -0.7mm |
| T | 16.5mm -0.7mm |
| S | 37.5mm +0.4/-0.4mm |
| LL | 6mm -1mm |
| F | 1mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 105 |

Specifications

| | |
|-----------------------|--------------------------------|
| Capacitance | 1 uF |
| Tolerance | 5% |
| Voltage DC | 1000 VDC (85C), 740 VDC (105C) |
| Voltage AC | 600 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 800 V/us |
| Inductance | 6 nH |

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