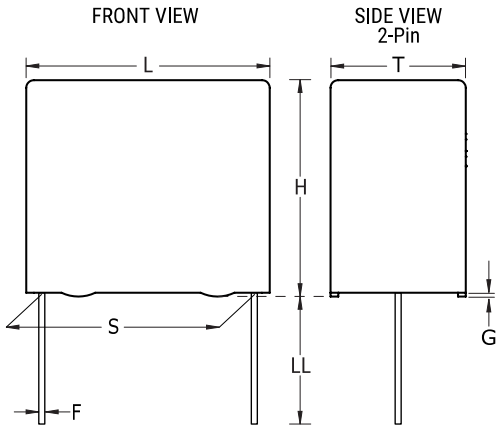
# PHE450PR7100JR02R06L2

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 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



© 2006 - 2026 YAGEO