



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26mm -0.5mm        |
| H  | 18.5mm -0.5mm      |
| T  | 9mm -0.5mm         |
| S  | 22.5mm +0.4/-0.4mm |
| LL | 18.5mm +0.5mm      |
| F  | 0.8mm +/-0.05mm    |
| G  | 0.5mm NOM          |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 308        |

### General Information

|               |  |
|---------------|--|
| Series        | PHE450/F450  |
| Dielectric    | Double Metallized Polypropylene  |
| Style         | Radial   |
| Features      | Pulse  |
| RoHS          | Yes  |
| Lead          | Wire Leads   |
| AEC-Q200      | No   |
| Miscellaneous | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 50 C/W (85C), 0.2 m/s. |
| Notes         | Series Replaced by R76.  |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.01 uF                               |
| Capacitance Tolerance | 5%                                    |
| Voltage DC            | 3000 VDC (85C), 2220 VDC (105C)       |
| Voltage AC            | 1000 VAC                              |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 1800 V/us                             |
| Inductance            | 6 nH                                  |