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#### General Information

|                          |  |
|--------------------------|--|
| Series                   | PHE450/F450  |
| Dielectric               | Double Metallized Polypropylene  |
| Style                    | Radial   |
| Features                 | Pulse  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire  |
| Lead                     | Wire Leads   |
| AEC-Q200                 | No   |
| Typical Component Weight | 2.799 g  |
| Miscellaneous            | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthja= 78 C/W (85C), 0.2 m/s. |
| Notes                    | Series Replaced by R76.  |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm -0.5mm      |
| H  | 14.5mm -0.5mm    |
| T  | 7.5mm -0.5mm     |
| S  | 15mm +0.4/-0.4mm |
| LL | 6mm -1mm         |
| F  | 0.8mm +/-0.05mm  |
| G  | 0.5mm NOM        |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 800       |

#### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.047 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, 0.04% 10kHz, 0.15% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 2,500 V/us                            |
| Inductance            | 6 nH                                  |

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