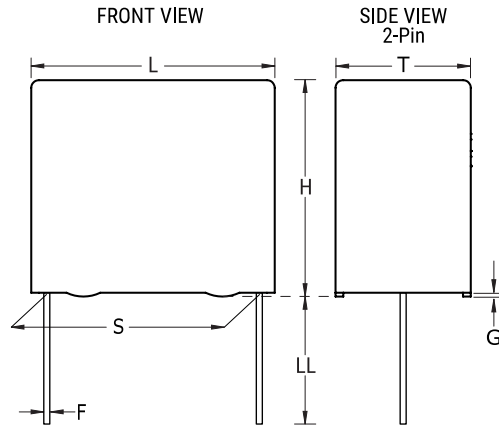


## PHE450RD5470JR06L2

Aliases (F450DF473J1K6C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 1,600 VDC, 85°C, 22.5 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                                                                               |
| AEC-Q200                 | No                                                                                       |
| Typical Component Weight | 2.88 g                                                                                   |
| Miscellaneous            | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 55 C/W (85C), 0.2 m/s. |
| Notes                    | Series Replaced by R76.                                                                  |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26mm -0.5mm        |
| H  | 16.5mm -0.5mm      |
| T  | 7mm -0.5mm         |
| S  | 22.5mm +0.4/-0.4mm |
| LL | 6mm -1mm           |
| F  | 0.8mm +/-0.05mm    |
| G  | 0.5mm NOM          |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 216       |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.047 uF                              |
| Tolerance             | 5%                                    |
| Voltage DC            | 1600 VDC (85C), 1184 VDC (105C)       |
| Voltage AC            | 650 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             | 1,800 V/us                            |
| Inductance            | 6 nH                                  |

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