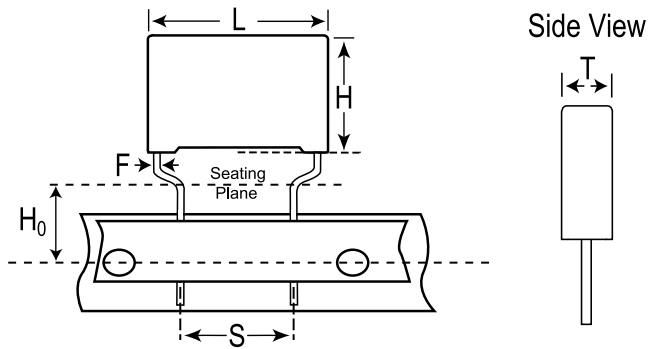


## PHE448SB3390JR25XA

Aliases (F448BD391J2K0XLAF1)

Not for New Design

PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 390 pF, 5%, 2,000 VDC, 85°C, 7.5 mm



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

### General Information

|               |                                             |
|---------------|---------------------------------------------|
| Series        | PHE448/F448                                 |
| Dielectric    | Film/Foil Polypropylene                     |
| Style         | Radial                                      |
| Features      | Pulse                                       |
| RoHS          | Yes                                         |
| Termination   | Tinned Wire                                 |
| Lead          | Formed To 7.5mm                             |
| AEC-Q200      | No                                          |
| Miscellaneous | Rthha= 86 C/W (85C), 0.2 m/s.               |
| Notes         | Not For New Design, Series Replaced by R73. |

### Dimensions

|    |                   |
|----|-------------------|
| L  | 18mm -0.5mm       |
| H  | 10.5mm -0.5mm     |
| T  | 5.5mm -0.5mm      |
| S  | 7.5mm +0.6/-0.1mm |
| H0 | 16mm +/-0.5mm     |
| F  | 0.8mm +/-0.05mm   |
| G  | 0.5mm NOM         |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 330x330x50mm, Box |
| Packaging Quantity | 570                     |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 390 pF                               |
| Tolerance             | 5%                                   |
| Voltage DC            | 2000 VDC, 1480 VDC (105C)            |
| Voltage AC            | 700 VAC                              |
| Temperature Range     | -55/+105°C                           |
| Rated Temperature     | 85°C                                 |
| Dissipation Factor    | 0.03% 1kHz, 0.05% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 76.9231 GOhms                        |
| Max dV/dt             | 25,000 V/us                          |
| Inductance            | 6 nH                                 |

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