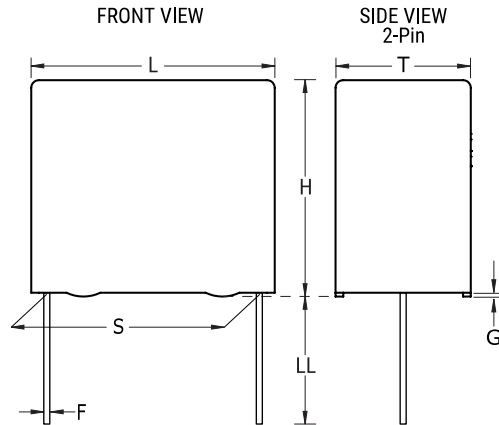


## PHE448SB3220JR06

Aliases (F448BD221J2K0C)

Not for New Design

PHE448/F448, Film, Film/Foil Polypropylene, General Purpose, 220 pF, 5%, 2,000 VDC, 85°C, 15 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                     | Wire Leads                                  |
| Typical Component Weight | 1.35 g                                      |
| Miscellaneous            | Rthha= 87 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  | 15mm +/-0.4mm   |
| LL | 6mm -1mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 220 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 | 136.3636 GOhms                       |
| Max dV/dt             | 25,000 V/us                          |
| Inductance            | 6 nH                                 |

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