

## PHE450MF6390JR06L2

Aliases (F450FE394J630C)

Not for New Design

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.39 uF, 5%, 630 VDC, 85°C, 27.5 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                                                                               |
| Typical Component Weight | 7.2 g                                                                                    |
| Miscellaneous            | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 38 C/W (85C), 0.2 m/s. |
| Notes                    | Series Replaced by R76.                                                                  |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm -0.7mm      |
| H  | 20.5mm -0.7mm      |
| T  | 10.5mm -0.7mm      |
| S  | 27.5mm +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           | 0.39 uF                         |
| Tolerance             | 5%                              |
| Voltage DC            | 630 VDC (85C), 466.2 VDC (105C) |
| Voltage AC            | 400 VAC                         |
| Temperature Range     | -55/+105°C                      |
| Rated Temperature     | 85°C                            |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz         |
| Insulation Resistance | 76.923 GOhms                    |
| Max dV/dt             | 1,100 V/us                      |
| Inductance            | 6 nH                            |

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