



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

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 16mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.8mm +/-0.05mm  |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

#### General Information

|                          |  |
|--------------------------|--|
| Series                   | R71  |
| Dielectric               | Metallized Polypropylene                       |
| Style                    | Radial   |
| Features                 | PFC and Pulse                                  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                    |
| Lead                     | Wire Leads                                     |
| AEC-Q200                 | No   |
| Typical Component Weight | 6.485 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.47 uF                                  |
| Capacitance Tolerance | 20%                                      |
| Voltage DC            | 630 VDC                                  |
| Voltage AC            | 275 VAC                                  |
| Temperature Range     | -40/+110°C                               |
| Rated Temperature     | 105°C                                    |
| Dissipation Factor    | 0.1% 25C                                 |
| Insulation Resistance | 63.8298 GOhms                            |
| Max dV/dt             | 250 V/us                                 |
| ESR                   | 118.5 mOhms (100kHz)                     |
| Ripple Current        | 1.2 Amps (100kHz 85C), 117.5 Amps (Peak) |
| Inductance            | 10 nH                                    |