



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 22mm +0.1/-0.7mm |
| T  | 13mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 30mm +5mm        |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 288  |

### General Information

|                  |  |
|------------------|--|
| Series           | R71  |
| Dielectric       | Metallized Polypropylene                       |
| Style            | Radial   |
| Features         | PFC and Pulse                                  |
| RoHS             | Yes  |
| Lead             | Wire Leads                                     |
| AEC-Q200         | No   |
| Component Weight | 13.15 g  |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 1 uF                                    |
| Capacitance Tolerance | 20%                                     |
| Voltage AC            | 275 VAC                                 |
| Voltage DC            | 1000 VDC                                |
| Temperature Range     | -40/+110°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.1% 25C                                |
| Insulation Resistance | 30 GOhms                                |
| Max dV/dt             | 180 V/us                                |
| Resistance            | 119.4 mOhms (100kHz)                    |
| Ripple Current        | 1.61 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance            | 18 nH                                   |