



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

Dimensions

| | |
|----|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 28.5mm +0.1/-0.7mm |
| T | 16mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 216 |

General Information

| | |
|------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Lead | Cut |
| AEC-Q200 | No |
| Component Weight | 21.2 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 400 VAC |
| Voltage DC | 1300 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 180 V/us |
| Resistance | 12.7 mOhms (100kHz) |
| Ripple Current | 8.3 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance | 20 nH |