



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

Dimensions

| | |
|----------------|------------------|
| L | 18mm +0.3/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 15mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------------|
| Packaging | T&R, Large |
| Packaging Quantity | 1250 |

General Information

| | |
|------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1.72 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 1500 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 500 VAC |
| Voltage DC | 1600 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 4500 V/us |
| Resistance | 424.4 mOhms (100kHz) |
| Ripple Current | 0.5 Amps (100kHz 85C), 7 Amps (Peak) |
| Inductance | 10 nH |