



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1800      |

### General Information

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

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 1500 pF                               |
| Capacitance Tolerance | 5%                                    |
| 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             | 6000 V/us                             |
| Resistance            | 424.4 mOhms (100kHz)                  |
| Ripple Current        | 0.5 Amps (100kHz 85C), 9 Amps (Peak)  |
| Inductance            | 9 nH                                  |