



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 +/-0.4mm    |
| LL | 18mm +/-1mm      |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

### 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 | 1.482 g  |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes            | Series Replaced by R75.                          |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 3300 pF                               |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 700 VAC                               |
| Voltage DC            | 2000 VDC                              |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 9500 V/us                             |
| Resistance            | 192.9 mOhms (100kHz)                  |
| Ripple Current        | 1.3 Amps (100kHz 85C), 31 Amps (Peak) |
| Inductance            | 10 nH                                 |