



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

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| H          | 12mm +0.1/-0.5mm |
| T          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 30mm +5mm        |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 900       |

| 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    | 2.051 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes               | Series Replaced by R75.                          |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 6800 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, 0.08% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 4500 V/us                             |
| Resistance            | 93.6 mOhms (100kHz)                   |
| Ripple Current        | 2 Amps (100kHz 85C), 31 Amps (Peak)   |
| Inductance            | 10 nH                                 |