



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

| Dimensions |                    |
|------------|--------------------|
| L          | 18mm +/-0.5mm      |
| H          | 13.5mm +0.1/-0.5mm |
| T          | 7.5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm      |
| LL         | 4mm +2mm           |
| 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  |
| Termination              | Cut (Tinned Wire)                                |
| Lead                     | Cut  |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 2.441 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes                    | Series Replaced by R75.                          |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 6800 pF                               |
| Capacitance Tolerance | 5%                                    |
| Voltage DC            | 2000 VDC                              |
| Voltage AC            | 700 VAC                               |
| 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                             |
| ESR                   | 93.6 mOhms (100kHz)                   |
| Ripple Current        | 2.1 Amps (100kHz 85C), 65 Amps (Peak) |
| Inductance            | 10 nH                                 |