



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 10mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.1/-0.5mm  |
| S  | 7.5mm +/-0.4mm   |
| LL | 4mm +2mm         |
| F  | 0.5mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 2000 |

### General Information

|                  |  |
|------------------|--|
| Series           | R75  |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial   |
| Features         | Automotive Grade, Pulse                          |
| RoHS             | Yes  |
| Lead             | Cut  |
| Qualifications   | AEC-Q200   |
| AEC-Q200         | Yes  |
| Component Weight | 0.49 g   |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.033 uF                              |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 160 VAC                               |
| Voltage DC            | 250 VDC                               |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 650 V/us                              |
| Resistance            | 33.8 mOhms (100kHz)                   |
| Ripple Current        | 2.6 Amps (100kHz 85C), 21 Amps (Peak) |
| Inductance            | 8 nH                                  |