



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 15mm +0.1/-0.5mm   |
| T  | 6mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.4mm     |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

### General Information

|                  |  |
|------------------|--|
| Series           | R75  |
| Dielectric       | Metallized Polypropylene   |
| Style            | Radial   |
| Features         | Automotive Grade, Pulse  |
| RoHS             | Yes  |
| Lead             | Wire Leads   |
| Qualifications   | AEC-Q200   |
| AEC-Q200         | Yes  |
| Component Weight | 2.9 g  |
| Miscellaneous    | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.33 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 160 VAC                                |
| Voltage DC            | 250 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 130 V/us                               |
| Resistance            | 9.646 mOhms (100kHz)                   |
| Ripple Current        | 6.91 Amps (100kHz 85C), 43 Amps (Peak) |
| Inductance            | 16 nH                                  |