



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.2/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1200      |

### General Information

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

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.22 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 90 VAC                                 |
| Voltage DC            | 160 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             | 180 V/us                               |
| Resistance            | 10.9 mOhms (100kHz)                    |
| Ripple Current        | 5.37 Amps (100kHz 85C), 44 Amps (Peak) |
| Inductance            | 9 nH                                   |