



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

**General Information**

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

**Dimensions**

|    |                    |
|----|--------------------|
| L  | 10mm +0.2/-0.5mm   |
| H  | 10.5mm +0.1/-0.5mm |
| T  | 5mm +0.1/-0.5mm    |
| S  | 7.5mm +/-0.4mm     |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.5mm +/-0.05mm    |

**Packaging Specifications**

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1600                    |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 0.12 uF                                |
| Tolerance             | 10%                                    |
| Voltage DC            | 250 VDC                                |
| Voltage AC            | 140 VAC                                |
| 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                               |
| ESR                   | 9.3 mOhms (100kHz)                     |
| Ripple Current        | 5.25 Amps (100kHz 85C), 22 Amps (Peak) |
| Inductance            | 8 nH                                   |

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