



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 |
| AEC-Q200 | Yes |
| Typical Component Weight | 1 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1500 |

Specifications

| | |
|-----------------------|---|
| Capacitance | 5,600 pF |
| Tolerance | 5% |
| Voltage DC | 1250 VDC |
| Voltage AC | 450 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 6,000 V/us |
| ESR | 142.1 mOhms (100kHz) |
| Ripple Current | 1.427 Amps (100kHz 85C), 34 Amps (Peak) |
| Inductance | 9 nH |

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