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#### 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 | 5 g  |
| Miscellaneous            | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 19mm +0.1/-0.5mm |
| T  | 11mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 350       |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.39 uF                                  |
| Tolerance             | 5%                                       |
| Voltage DC            | 630 VDC                                  |
| Voltage AC            | 250 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                  |
| Insulation Resistance | 76.9231 GOhms                            |
| Max dV/dt             | 1,000 V/us                               |
| ESR                   | 12.2 mOhms (100kHz)                      |
| Ripple Current        | 6.371 Amps (100kHz 85C), 390 Amps (Peak) |
| Inductance            | 10 nH                                    |

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