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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 | 5.2 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  |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 0.15 uF                                  |
| Tolerance             | 5%                                       |
| Voltage DC            | 1000 VDC                                 |
| Voltage AC            | 300 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             | 2,000 V/us                               |
| ESR                   | 10.6 mOhms (100kHz)                      |
| Ripple Current        | 6.843 Amps (100kHz 85C), 300 Amps (Peak) |
| Inductance            | 10 nH                                    |

**Packaging Specifications**

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

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