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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 | 2.8 g  |
| Miscellaneous            | Above 85°C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C. |

**Dimensions**

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 15mm +0.1/-0.5mm   |
| T  | 6mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +/-1mm        |
| F  | 0.8mm +/-0.05mm    |

**Specifications**

|                       |   |
|-----------------------|---|
| Capacitance           | 0.022 uF                                |
| Tolerance             | 5%                                      |
| Voltage DC            | 1600 VDC                                |
| Voltage AC            | 650 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             | 3,000 V/us                              |
| ESR                   | 36.17 mOhms (100kHz)                    |
| Ripple Current        | 3.568 Amps (100kHz 85C), 66 Amps (Peak) |
| Inductance            | 16 nH                                   |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

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