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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                                         |
| Typical Component Weight | 1.52 g                                           |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

**Dimensions**

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.8mm +/-0.05mm  |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

**Specifications**

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.1 uF                                 |
| Tolerance             | 5%                                     |
| Voltage DC            | 400 VDC                                |
| Voltage AC            | 220 VAC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 900 V/us                               |
| ESR                   | 15.9 mOhms (100kHz)                    |
| Ripple Current        | 4.57 Amps (100kHz 85C), 90 Amps (Peak) |
| Inductance            | 10 nH                                  |

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