



Click [here](#) for the 3D model.

**General Information**

|                          |   |
|--------------------------|---|
| Series                   | R75H  |
| 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 | 63.5 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 3.9 uF                                   |
| Tolerance             | 10%                                      |
| Voltage DC            | 1000 VDC                                 |
| Voltage AC            | 250 VAC                                  |
| Temperature Range     | -55/+125°C                               |
| Rated Temperature     | 105°C                                    |
| Dissipation Factor    | 0.06% 1kHz                               |
| Insulation Resistance | 7.6923 GOhms                             |
| Max dV/dt             | 200 V/us                                 |
| ESR                   | 6.1 mOhms (100kHz)                       |
| Ripple Current        | 14.28 Amps (100kHz 90C), 780 Amps (Peak) |
| Inductance            | 20 nH                                    |

**Dimensions**

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 45mm +0.1/-0.7mm   |
| T  | 30mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 30mm +5mm          |
| F  | 1mm +/-0.05mm      |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 60        |

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