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**General Information**

|                          |                              |
|--------------------------|------------------------------|
| Series                   | R58                          |
| Dielectric               | Metallized Polypropylene     |
| Style                    | Radial                       |
| Features                 | EMI Safety, Automotive Grade |
| RoHS                     | Yes                          |
| Termination              | Tinned Wire                  |
| Lead                     | Wire Leads                   |
| Safety Class             | X1                           |
| Qualifications           | AEC-Q200, ENEC, UL, cUL      |
| THB Performance          | Yes                          |
| Typical Component Weight | 15.8 g                       |

**Specifications**

|                       |               |
|-----------------------|---------------|
| Capacitance           | 0.47 uF       |
| Tolerance             | 10%           |
| Voltage DC            | 1200 VDC      |
| Voltage AC            | 600 VAC (X1)  |
| Temperature Range     | -40/+110°C    |
| Rated Temperature     | 110°C         |
| Dissipation Factor    | 0.3% 1kHz     |
| Insulation Resistance | 63.8298 GOhms |
| Max dV/dt             | 225 V/us      |

**Dimensions**

|    |                  |
|----|------------------|
| L  | 32mm +0.5/-0.7mm |
| H  | 28mm +0.3/-0.7mm |
| T  | 14mm +0.3/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 176       |

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