



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 12.5mm +0.3/-0.5mm |
| T  | 9mm +0.3/-0.5mm    |
| S  | 15mm +/-0.4mm      |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 520       |

### General Information

|                  |                              |
|------------------|------------------------------|
| Series           | R53 X2 310 VAC               |
| Dielectric       | Metallized Polypropylene     |
| Style            | Radial                       |
| Features         | Automotive Grade, EMI Safety |
| RoHS             | Yes                          |
| Lead             | Wire Leads                   |
| Safety Class     | X2                           |
| Qualifications   | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200         | Yes                          |
| THB Performance  | Yes                          |
| Component Weight | 2.56 g                       |

### Specifications

|                       |               |
|-----------------------|---------------|
| Capacitance           | 0.47 uF       |
| Capacitance Tolerance | 20%           |
| Voltage AC            | 310 VAC (X2)  |
| Voltage DC            | 630 VDC       |
| Temperature Range     | -40/+110°C    |
| Rated Temperature     | 110°C         |
| Dissipation Factor    | 0.2% 1kHz     |
| Insulation Resistance | 63.8298 GOhms |
| Max dV/dt             | 400 V/us      |