



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

#### General Information

|                          |                              |
|--------------------------|------------------------------|
| Series                   | R47 X1 440 VAC               |
| Dielectric               | Metallized Polypropylene     |
| Style                    | Radial                       |
| Features                 | Automotive Grade, EMI Safety |
| RoHS                     | Yes                          |
| Termination              | Tinned Wire                  |
| Lead                     | Wire Leads                   |
| Safety Class             | X1                           |
| Qualifications           | AEC-Q200, ENEC, UL, cUL      |
| AEC-Q200                 | Yes                          |
| THB Performance          | No                           |
| Typical Component Weight | 1.392 g                      |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

#### Packaging Specifications

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

#### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.01 uF      |
| Capacitance Tolerance | 10%          |
| Voltage DC            | 1000 VDC     |
| Voltage AC            | 440 VAC (X1) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1kHz    |
| Insulation Resistance | 100 GOhms    |
| Max dV/dt             | 600 V/us     |