



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 900       |

### General Information

|                 |                              |
|-----------------|------------------------------|
| Series          | R47 X1 440 VAC               |
| Dielectric      | Metallized Polypropylene     |
| Style           | Radial                       |
| Features        | Automotive Grade, EMI Safety |
| RoHS            | Yes                          |
| Lead            | Wire Leads                   |
| Safety Class    | X1                           |
| Qualifications  | AEC-Q200, ENEC, UL, cUL      |
| AEC-Q200        | Yes                          |
| THB Performance | Yes                          |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.022 uF     |
| Capacitance Tolerance | 20%          |
| Voltage AC            | 440 VAC (X1) |
| Voltage DC            | 1000 VDC     |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.1% 1kHz    |
| Insulation Resistance | 100 GOhms    |
| Max dV/dt             | 600 V/us     |