



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

#### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | R47 X1 440 VAC           |
| Dielectric               | Metallized Polypropylene |
| Style                    | Radial                   |
| Features                 | EMI Safety               |
| RoHS                     | Yes                      |
| Termination              | Tinned Wire              |
| Lead                     | Wire Leads               |
| Safety Class             | X1                       |
| Qualifications           | ENEC, UL, cUL            |
| AEC-Q200                 | No                       |
| THB Performance          | No                       |
| Typical Component Weight | 33.7 g                   |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 40mm +0.1/-0.7mm   |
| T  | 20mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 1mm +/-0.05mm      |

#### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 84   |

#### Specifications

|                       |               |
|-----------------------|---------------|
| Capacitance           | 2.2 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 | 13.6364 GOhms |
| Max dV/dt             | 150 V/us      |