



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 10.5mm +0.2/-0.5mm |
| H  | 12mm +0.1/-0.5mm   |
| T  | 6mm +0.1/-0.5mm    |
| S  | 7.5mm +/-0.4mm     |
| LL | 3.2mm +0.3/-0.2mm  |
| F  | 0.6mm +/-0.05mm    |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 1000 |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76                             |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Automotive Grade, Pulse         |
| RoHS             | Yes                             |
| Lead             | Cut                             |
| Qualifications   | AEC-Q200                        |
| AEC-Q200         | Yes                             |
| Component Weight | 0.837 g                         |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.01 uF                               |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 250 VAC                               |
| Voltage DC            | 630 VDC                               |
| Temperature Range     | -55/+110°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 2800 V/us                             |
| Resistance            | 63.66 mOhms (100kHz)                  |
| Ripple Current        | 1.6 Amps (100kHz 85C), 28 Amps (Peak) |
| Inductance            | 8 nH                                  |