



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 16mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76                             |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Automotive Grade, Pulse         |
| RoHS             | Yes                             |
| Lead             | Wire Leads                      |
| Qualifications   | AEC-Q200                        |
| AEC-Q200         | Yes                             |
| Component Weight | 1.333 g                         |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 0.39 uF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 180 VAC                                 |
| Voltage DC            | 250 VDC                                 |
| Temperature Range     | -55/+110°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz                 |
| Insulation Resistance | 76.9231 GOhms                           |
| Max dV/dt             | 550 V/us                                |
| Resistance            | 4.08 mOhms (100kHz)                     |
| Ripple Current        | 10.5 Amps (100kHz 85C), 215 Amps (Peak) |
| Inductance            | 10 nH                                   |