



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 10mm +0.2/-0.5mm |
| H  | 8mm +0.1/-0.5mm  |
| T  | 3mm +0.1/-0.5mm  |
| S  | 7.5mm +/-0.4mm   |
| LL | 17mm +1/-2mm     |
| F  | 0.5mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 1750 |

### 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                             |
| Typical Component Weight | 0.482 g                         |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 680 pF                               |
| Capacitance Tolerance | 5%                                   |
| Voltage DC            | 630 VDC                              |
| Voltage AC            | 250 VAC                              |
| 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                            |
| ESR                   | 936.21 mOhms (100kHz)                |
| Ripple Current        | 0.1 Amps (100kHz 85C), 2 Amps (Peak) |
| Inductance            | 8 nH                                 |