



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

Dimensions

| | |
|----------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 17mm +0.1/-0.5mm |
| T | 8.5mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 250 |

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 | 3.333 g |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.56 uF |
| Capacitance Tolerance | 10% |
| 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 | 53.5714 GOhms |
| Max dV/dt | 300 V/us |
| Resistance | 5.68 mOhms (100kHz) |
| Ripple Current | 9.6 Amps (100kHz 85C), 168 Amps (Peak) |
| Inductance | 16 nH |