



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

| Dimensions | |
|------------|--------------------|
| L | 18mm +/-0.5mm |
| H | 12.5mm +0.1/-0.5mm |
| T | 9mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 30mm +5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 520 |

| 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 |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.22 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 | 100 GOhms |
| Max dV/dt | 550 V/us |
| Resistance | 7.23 mOhms (100kHz) |
| Ripple Current | 7.5 Amps (100kHz 85C), 121 Amps (Peak) |
| Inductance | 10 nH |