



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

General Information

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|----------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |

Dimensions

| | |
|----|--------------------|
| L | 10mm +0.2/-0.5mm |
| H | 10.5mm +0.1/-0.5mm |
| T | 5mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +0.5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 1500 |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 0.027 uF |
| Tolerance | 10% |
| Voltage DC | 250 VDC |
| Voltage AC | 180 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 | 1,100 V/us |
| ESR | 23.58 mOhms (100kHz) |
| Ripple Current | 3.1 Amps (100kHz 85C), 30 Amps (Peak) |
| Inductance | 8 nH |

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