



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

General Information

| | |
|--------------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 3.28 g |

Dimensions

| | |
|----|-------------------------|
| L | 18mm \pm 0.5mm |
| H | 14.5mm \pm 0.1/-0.5mm |
| T | 8.5mm \pm 0.2/-0.5mm |
| S | 15mm \pm 0.4mm |
| LL | 30mm \pm 5mm |
| F | 0.8mm \pm 0.05mm |

Packaging Specifications

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

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.068 μ F |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 400 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 | 3,000 V/us |
| ESR | 16.38 mOhms (100kHz) |
| Ripple Current | 5.1 Amps (100kHz 85C), 204 Amps (Peak) |
| Inductance | 10 nH |

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