

R76QI31205050J

Aliases (76QI31205050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 1,000 VDC, 85°C, 15 mm



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 |
| Typical Component Weight | 5.2 g |

Dimensions

| | |
|----|------------------|
| L | 18mm +0.5/-0.5mm |
| H | 19mm +0.1/-0.5mm |
| T | 11mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 350 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.12 uF |
| Tolerance | 5% |
| Voltage DC | 1000 VDC |
| Voltage AC | 600 VAC |
| Temperature Range | -55/+110°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 3,500 V/us |
| ESR | 13.26 mOhms (100kHz) |
| Ripple Current | 6.1 Amps (100kHz 85C), 420 Amps (Peak) |
| Inductance | 10 nH |

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