

R76QD0470SE00K

Aliases (76QD0470SE00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 470 pF, 10%, 1,000 VDC, 85°C, 7.5 mm



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

General Information

| | |
|--------------------------|---------------------------------|
| 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 |
| Typical Component Weight | 0.36 g |

Dimensions

| | |
|----|------------------|
| L | 10mm +0.2/-0.5mm |
| H | 8mm +0.1/-0.5mm |
| T | 3mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

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

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 470 pF |
| Tolerance | 10% |
| Voltage DC | 1000 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 | 6,000 V/us |
| ESR | 1354.51 mOhms (100kHz) |
| Ripple Current | 0.1 Amps (100kHz 85C), 3 Amps (Peak) |
| Inductance | 8 nH |

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