

R76QF1270JH00K

Aliases (76QF1270JH00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2700 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | |
|------------|-------------------|
| L | 13mm +0.2/-0.5mm |
| н | 9mm +0.1/-0.5mm |
| т | 4mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 3.2mm +0.3/-0.2mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 2000 | |

| General Information | |
|---------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |

| Specifications | |
|---------------------------|--------------------------------------|
| Capacitance | 2700 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 600 VAC |
| Voltage DC | 1000 VDC |
| 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 | 6500 V/us |
| Resistance | 235.79 mOhms (100kHz) |
| Ripple Current | 1 Amps (100kHz 85C), 18 Amps (Peak) |
| Inductance | 9 nH |

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