

R76PF168050H0J

Aliases (76PF168050H0J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 6,800 pF, 5%, 630 VDC, 105°C, 10 mm



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

General Information

| | |
|--------------------------|---------------------------------|
| Series | R76H |
| 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 | 0.7 g |

Specifications

| | |
|-----------------------|-----------------------------------------|
| Capacitance | 6,800 pF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 400 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 4,000 V/us |
| ESR | 93.62 mOhms (100kHz) |
| Ripple Current | 1.45 Amps (100kHz 100C), 27 Amps (Peak) |
| Inductance | 9 nH |

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 9mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1800 |

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