

R76ID1680JH30K

Aliases (76ID1680JH30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5mm



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

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 | 3.2mm +0.3/-0.2mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

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

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 | 6800 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 180 VAC |
| Voltage DC | 250 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 | 1100 V/us |
| Resistance | 93.62 mOhms (100kHz) |
| Ripple Current | 0.8 Amps (100kHz 85C), 7 Amps (Peak) |
| Inductance | 8 nH |