

R76QF1680DQH3J

Aliases (76QF1680DQH3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1000 VDC, 105°C, Lead Spacing = 10mm



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

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 12mm +0.1/-0.5mm |
| T | 6mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 680 |

General Information

| | |
|------------------|---------------------------------|
| Series | R76H |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| THB Performance | Yes |
| Component Weight | 1.4 g |

Specifications

| | |
|-----------------------|--|
| Capacitance | 6800 pF |
| Capacitance Tolerance | 5% |
| Voltage AC | 600 VAC |
| Voltage DC | 1000 VDC |
| 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 | 6500 V/us |
| Resistance | 93.62 mOhms (100kHz) |
| Ripple Current | 1.6 Amps (100kHz 100C), 44 Amps (Peak) |
| Inductance | 9 nH |

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