

R76PD1680DQ40K

Aliases (76PD1680DQ40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 10mm +0.2/-0.5mm |
| н | 10.5mm +0.1/-0.5mm |
| т | 5mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

Packaging Packaging Quantity Ammo, 360x340x59mm, Box 1600

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

| Specifications | | |
|-----------------------|---------------------------------------|--|
| Capacitance | 6800 pF | |
| Capacitance Tolerance | 10% | |
| Voltage AC | 250 VAC | |
| Voltage DC | 630 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 | 2800 V/us | |
| Resistance | 93.62 mOhms (100kHz) | |
| Ripple Current | 1.1 Amps (100kHz 85C), 19 Amps (Peak) | |
| Inductance | 8 nH | |

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