

R76UI1560GY40J

Aliases (76UI1560GY40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 5600 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 18mm +0.3/-0.5mm |
| Н | 12mm +0.1/-0.5mm |
| Т | 6mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----|--|
| Packaging | T&R | |
| Packaging Quantity | 500 | |

| 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 | |
| Component Weight | 1.7 g | |

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| Specifications | | | |
| Capacitance | 5600 pF | | |
| Capacitance Tolerance | 5% | | |
| Voltage AC | 700 VAC | | |
| Voltage DC | 2000 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 | 9500 V/us | | |
| Resistance | 113.68 mOhms (100kHz) | | |
| Ripple Current | 1.8 Amps (100kHz 85C), 53 Amps (Peak) | | |
| Inductance | 10 nH | | |

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