

R76QI1820CK40K

Aliases (76QI1820CK40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 8,200 pF, 10%, 1,000 VDC, 85°C, 15 mm



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

General Information

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

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 8,200 pF |
| Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Voltage AC | 600 VAC |
| 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 | 3,500 V/us |
| ESR | 77.64 mOhms (100kHz) |
| Ripple Current | 2 Amps (100kHz 85°C), 29 Amps (Peak) |
| Inductance | 10 nH |

Dimensions

| | |
|----|------------------|
| L | 18mm +0.3/-0.5mm |
| H | 10mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, Large |
| Packaging Quantity | 1500 |

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