

R75PD1820JH40K

Aliases (75PD1820JH40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 8200 pF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions | |
|------------|-------------------|
| L | 10mm +0.2/-0.5mm |
| н | 9mm +0.1/-0.5mm |
| т | 4mm +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 | 2000 | |

| General Information | | |
|---------------------|--|--|
| Series | R75 | |
| Dielectric | Metallized Polypropylene | |
| Style | Radial | |
| Features | Automotive Grade, Pulse | |
| RoHS | Yes | |
| Lead | Cut | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. | |

| Specifications | |
|---------------------------|--|
| Capacitance | 8200 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 250 VAC |
| Voltage DC | 630 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 2400 V/us |
| Resistance | 97 mOhms (100kHz) |
| Ripple Current | 1.29 Amps (100kHz 85C), 20 Amps (Peak) |
| Inductance | 8 nH |

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