

R75GD3120JE40K

Aliases (75GD3120JE40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 10%, 160 VDC, 85°C, Lead Spacing = 7.5mm



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

Dimensions

| | |
|----|--------------------|
| L | 10mm +0.2/-0.5mm |
| H | 10.5mm +0.1/-0.5mm |
| T | 5mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +0.5mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 1500 |

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 | 0.12 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 90 VAC |
| Voltage DC | 160 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 300 V/us |
| Resistance | 9.3 mOhms (100kHz) |
| Ripple Current | 5.25 Amps (100kHz 85C), 37 Amps (Peak) |
| Inductance | 8 nH |