

R75PD1680Z340J

Aliases (75PD1680Z340J)

R75, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 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 | 17mm +1/-2mm |
| 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 | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 0.49 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

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| Specifications | |
| Capacitance | 6800 pF |
| Capacitance Tolerance | 5% |
| 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 | 361.7 mOhms (100kHz) |
| Ripple Current | 1.07 Amps (100kHz 85C), 16 Amps (Peak) |
| Inductance | 8 nH |

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