

R76PD0680Z300J

Aliases (76PD0680Z300J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 680 pF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 10mm +0.2/-0.5mm |
| н | 8mm +0.1/-0.5mm |
| т | 3mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 17mm +1/-2mm |
| F | 0.5mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|------|--|
| Packaging | Bulk | |
| Packaging Quantity | 1750 | |

| 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 | 0.482 g |

| Specifications | |
|---------------------------|--------------------------------------|
| Capacitance | 680 pF |
| Capacitance Tolerance | 5% |
| Voltage AC | 250 VAC |
| Voltage DC | 630 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 | 2800 V/us |
| Resistance | 936.21 mOhms (100kHz) |
| Ripple Current | 0.1 Amps (100kHz 85C), 2 Amps (Peak) |
| Inductance | 8 nH |

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