

R76MD2180SE40K

Aliases (76MD2180SE40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.018 uF, 10%, 400 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 +2mm |
| F | 0.6mm +/-0.05mm |

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

| General Information | |
|---------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 0.018 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 250 VAC |
| Voltage DC | 400 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 | 1700 V/us |
| Resistance | 35.37 mOhms (100kHz) |
| Ripple Current | 2.7 Amps (100kHz 85C), 31 Amps (Peak) |
| Inductance | 8 nH |