

## R76PD1560JM40J

Aliases (76PD1560JM40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 5600 pF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

L	10mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	18mm +/-1mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging Quantity	1500
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### 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	1.123 g
Miscellaneous	Voltage Derating: 1.25%/C Above 85C (DC).

### Specifications

Capacitance	5600 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	113.7 mOhms (100kHz)
Ripple Current	0.88 Amps (100kHz 85C), 16 Amps (Peak)
Inductance	8 nH