

R76MD2180JE40K

Aliases (76MD2180JE40K)

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
н	10.5mm +0.1/-0.5mm
т	5mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +0.5mm
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	

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