

## R76MD1680CK40J

Aliases (76MD1680CK40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 400 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
НО	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1500	

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	

Specifications	
Capacitance	6800 pF
Capacitance Tolerance	5%
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	93.62 mOhms (100kHz)
Ripple Current	1.1 Amps (100kHz 85C), 12 Amps (Peak)
Inductance	8 nH

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