

## R76MD1680JH40J

## Aliases (76MD1680JH40J)

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	
LL	3.2mm +0.3/-0.2mm	
F	0.6mm +/-0.05mm	

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.47 g

Specifications		
Capacitance	6800 pF	
Capacitance Tolerance	5%	
Voltage AC	250 VAC	
Voltage DC	400 VDC	
Temperature Range	-55/+110°C	
Rated Temperature	85°C	
<b>Dissipation Factor</b>	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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