

R76ID1680JE30K

Aliases (76ID1680JE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5mm



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Dimensions	
L	10mm +0.2/-0.5mm
Н	8mm +0.1/-0.5mm
Т	3mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +0.5mm
F	0.5mm +/-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	6800 pF
Capacitance Tolerance	10%
Voltage AC	180 VAC
Voltage DC	250 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	1100 V/us
Resistance	93.62 mOhms (100kHz)
Ripple Current	0.8 Amps (100kHz 85C), 7 Amps (Peak)
Inductance	8 nH

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