

## **R75ID2820AAB0J**

Aliases (75ID2820AAB0J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 250 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

Dimensions	l e e e e e e e e e e e e e e e e e e e
L	10mm +0.2/-0.5mm
Н	9mm +0.1/-0.5mm
Т	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	2000	

General Information		
Series	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Cut	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications		
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Capacitance	0.082 uF	
Capacitance Tolerance	5%	
Voltage AC	140 VAC	
Voltage DC	250 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	180 V/us	
Resistance	13.6 mOhms (100kHz)	
Ripple Current	4.1 Amps (100kHz 85C), 15 Amps (Peak)	
Inductance	8 nH	

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