

R75GD3180AA30J

Aliases (75GD3180AA30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 160 VDC, 85°C, Lead Spacing = 7.5mm



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Dimensions		
L	10.5mm +0.2/-0.5mm	
Н	12mm +0.1/-0.5mm	
Т	6mm +0.1/-0.5mm	
S	7.5mm +/-0.4mm	
LL	4mm +2mm	
F	0.5mm +/-0.05mm	

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	1000	

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		
•	0.105	
Capacitance	0.18 uF	
Capacitance Tolerance	5%	
Voltage AC	90 VAC	
Voltage DC	160 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	300 V/us	
Resistance	10.6 mOhms (100kHz)	
Ripple Current	5.21 Amps (100kHz 85C), 56 Amps (Peak)	
Inductance	8 nH	

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