

R75GF3180JE00J

Aliases (75GF3180JE00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 160 VDC, 85°C, Lead Spacing = 10mm



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Dimensions	
L	13mm +0.2/-0.5mm
Н	12mm +0.1/-0.5mm
Т	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
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
Component Weight	1.281 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications		
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	180 V/us	
Resistance	13.3 mOhms (100kHz)	
Ripple Current	4.86 Amps (100kHz 85C), 36 Amps (Peak)	
Inductance	9 nH	

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