

R75ID3100JE30K

Aliases (75ID3100JE30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5 mm



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Dimensions	
L	10.5mm +0.2/-0.5mm
Н	12mm +0.1/-0.5mm
T	6mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +0.5mm
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	
Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage AC	160 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	650 V/us
Resistance	11.1 mOhms (100kHz)
Ripple Current	5.09 Amps (100kHz 85C), 65 Amps (Peak)
Inductance	8 nH

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