

## R75GD3150JE00K

## Aliases (75GD3150JE00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 10%, 160 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

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 +0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	

Packaging Quantity 1000	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	0.15 uF
Capacitance Tolerance	10%
Voltage AC	90 VAC
Voltage DC	160 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
<b>Dissipation Factor</b>	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	300 V/us
Resistance	7.4 mOhms (100kHz)
Ripple Current	6.23 Amps (100kHz 85C), 47 Amps (Peak)
Inductance	8 nH

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