

R75IN33305030J

Aliases (75IN33305030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.33 uF, 5%, 250 VDC, 85°C, 22.5mm



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Dimensions	
L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.4mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	500

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	2.9 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications	
Capacitance	0.33 uF
Capacitance Tolerance	5%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	130 V/us
ESR	9.646 mOhms (100kHz)
Ripple Current	6.91 Amps (100kHz 85C), 43 Amps (Peak)
Inductance	16 nH

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