

R75QN3560JM00J

Aliases (75QN3560JM00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.56 μ F, 5%, 1000 VDC, 85°C, 22.5mm



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Dimensions

L	26.5mm +0.3/-0.5mm
H	29.5mm +0.1/-0.5mm
T	14.5mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	18mm +/-1mm
F	0.8mm +/-0.4mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	120

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
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications

Capacitance	0.56 μ F
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	300 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	53.5714 GOhms
Max dV/dt	800 V/us
ESR	11.37 mOhms (100kHz)
Ripple Current	8.033 Amps (100kHz 85C), 448 Amps (Peak)
Inductance	16 nH