

## R75QN35605000J

Aliases (75QN35605000J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.56 uF, 5%, 1,000 VDC, 85°C, 22.5 mm



Click [here](#) for the 3D model.

### General Information

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

### 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	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	120

### Specifications

Capacitance	0.56 uF
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	8.47 mOhms (100kHz)
Ripple Current	9.31 Amps (100kHz 85C), 376 Amps (Peak)
Inductance	16 nH

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