

## R75PI33905030J

Aliases (75PI33905030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.39 uF, 5%, 630 VDC, 85°C, 15mm



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

### Dimensions

L	18mm +0.5/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.4mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	350

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

### Specifications

Capacitance	0.39 uF
Capacitance Tolerance	5%
Voltage DC	630 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	76.9231 GOhms
Max dV/dt	1000 V/us
ESR	12.24 mOhms (100kHz)
Ripple Current	6.371 Amps (100kHz 85C), 390 Amps (Peak)
Inductance	10 nH

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