

## R75RF21005040J

Aliases (75RF21005040J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 1,250 VDC, 85°C, 10 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
AEC-Q200	Yes
Typical Component Weight	1.4 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

### Dimensions

L	13mm +0.2/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1200

### Specifications

Capacitance	0.01 uF
Tolerance	5%
Voltage DC	1250 VDC
Voltage AC	450 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	6,000 V/us
ESR	79.58 mOhms (100kHz)
Ripple Current	1.984 Amps (100kHz 85C), 60 Amps (Peak)
Inductance	9 nH

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