

R75RF15605040J

Aliases (75RF15605040J)

R75, Film, Metallized Polypropylene, Automotive Grade, 5600 pF, 5%, 1250 VDC, 85°C, Lead Spacing = 10mm



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Dimensions

L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.4mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1500

General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications

Capacitance	5600 pF
Capacitance Tolerance	5%
Voltage AC	450 VAC
Voltage DC	1250 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	6000 V/us
Resistance	142.1 mOhms (100kHz)
Ripple Current	1.427 Amps (100kHz 85C), 34 Amps (Peak)
Inductance	9 nH