

## R75MI31205030K

Aliases (75MI31205030K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 10%, 400 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +0.3/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	900

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	1.946 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.12 uF
Capacitance Tolerance	10%
Voltage AC	220 VAC
Voltage DC	400 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	900 V/us
Resistance	13.26 mOhms (100kHz)
Ripple Current	5.19 Amps (100kHz 85C), 108 Amps (Peak)
Inductance	10 nH

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