

KEMET Part Number: R75IF31005030K
(75IF31005030K)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 250 VDC, 85°C, Lead Spacing = 10mm



General Information	
Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

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 +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1500

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	160 VAC
Voltage DC:	250 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	550 V/us
Resistance:	15.9 mOhms (100KHz)
Ripple Current:	4.27 Amps (100kHz 85C), 57 Amps (Peak)
Inductance:	9 nH

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