

KEMET Part Number: R75RN31005030J
(75RN31005030J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 1250 VDC, 85°C, Lead Spacing = 22.5mm



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	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	300

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	600 VAC
Voltage DC:	1250 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:	2100 V/us
Resistance:	11.1 mOhms (100KHz)
Ripple Current:	7.08 Amps (100kHz 85C), 210 Amps (Peak)
Inductance:	18 nH

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