

KEMET Part Number: R75RF21005040J
(75RF21005040J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 1250 VDC, 85°C, Lead Spacing = 10mm



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 +/-0.4mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1200

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 voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications

Capacitance:	0.01 uF
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:	79.58 mOhms (100kHz)
Ripple Current:	1.984 Amps (100kHz 85C), 60 Amps (Peak)
Inductance:	9 nH

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