

**KEMET Part Number: R75PR410050L3J**  
(75PR410050L3J)



R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 630 VDC, 85°C, Lead Spacing = 27.5mm



#### Dimensions

L	32mm +0.3/-0.7mm
H	15mm +0.1/-0.7mm
T	24mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.4mm

#### Packaging Specifications

Packaging:	Tray
Packaging Quantity:	144

#### 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:	1 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	630 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	180 V/us
Resistance:	7.958 mOhms (100kHz)
Ripple Current:	9.624 Amps (100kHz 85C), 180 Amps (Peak)
Inductance:	18 nH

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