

KEMET Part Number: R75MR418050L3J
(75MR418050L3J)

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R75, Film, Metallized Polypropylene, Automotive Grade, 1.8 uF, 5%, 400 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:	1.8 uF
Capacitance Tolerance:	5%
Voltage AC:	220 VAC
Voltage DC:	400 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.06% 1kHz, 0.08% 10kHz
Insulation Resistance:	16.66666667 GOhms
Max dV/dt:	130 V/us
Resistance:	8.842 mOhms (100kHz)
Ripple Current:	9.13 Amps (100kHz 85C), 234 Amps (Peak)
Inductance:	18 nH

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