

KEMET Part Number: R75MD2470Z3B0J
(75MD2470Z3B0J)

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a YAGEO company

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 400 VDC, 85°C, Lead Spacing = 7.5mm



Dimensions

L	10mm +0.2/-0.5mm
H	10.5mm +0.1/-0.5mm
T	5mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk
Packaging Quantity:	1000

General Information

Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	0.98 g
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance:	0.047 uF
Capacitance Tolerance:	5%
Voltage AC:	200 VAC
Voltage DC:	400 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:	390 V/us
Resistance:	23.7 mOhms (100kHz)
Ripple Current:	3.29 Amps (100kHz 85C), 18 Amps (Peak)
Inductance:	8 nH

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