

R75MC2470AA40J

Aliases (75MC2470AA40J)

R75, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 400 VDC, 85°C, 5 mm



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General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	Yes
Typical Component Weight	1.08 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Dimensions

L	7.2mm +0.3/-0.5mm
H	13mm +0.1/-0.5mm
T	7.2mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

Specifications

Capacitance	0.047 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	200 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz
Insulation Resistance	100 GOhms
Max dV/dt	400 V/us
ESR	101.6 mOhms (100kHz)
Ripple Current	1.647 Amps (100kHz 85C), 19 Amps (Peak)
Inductance	7 nH

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