

## R75QI2470JB60M

Aliases (75QI2470JB60M)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 20%, 1000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +/-0.5mm
Н	12.5mm +0.1/-0.5mm
Т	9mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1000

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.4 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Considerations		
Specifications		
Capacitance	0.047 uF	
Capacitance Tolerance	20%	
Voltage AC	250 VAC	
Voltage DC	1000 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	2000 V/us	
Resistance	39.8 mOhms (100kHz)	
Ripple Current	4.12 Amps (100kHz 85C), 94 Amps (Peak)	
Inductance	10 nH	

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