

## R76QI2470JH40J

Aliases (76QI2470JH40J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

Dimensions	,
L	18mm +/-0.5mm
Н	14.5mm +0.1/-0.5mm
Т	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1000	

General Information		
Series	R76	
Dielectric	Double Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Cut	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Component Weight	2.95 g	

Specifications		
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Capacitance	0.047 uF	
Capacitance Tolerance	5%	
Voltage AC	600 VAC	
Voltage DC	1000 VDC	
Temperature Range	-55/+110°C	
Rated Temperature	85°C	
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	3500 V/us	
Resistance	13.55 mOhms (100kHz)	
Ripple Current	5.6 Amps (100kHz 85C), 165 Amps (Peak)	
Inductance	10 nH	

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