

## R76PI2470JH30K

Aliases (76PI2470JH30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 630 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +/-0.5mm
Н	13.5mm +0.1/-0.5mm
Т	7.5mm +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	

Specifications			
Capacitance	0.047 uF		
Capacitance Tolerance	10%		
Voltage AC	400 VAC		
Voltage DC	630 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	3000 V/us		
Resistance	13.55 mOhms (100kHz)		
Ripple Current	5.4 Amps (100kHz 85C), 141 Amps (Peak)		
Inductance	10 nH		

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