

R75QI2270CK00K

Aliases (75QI2270CK00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.027 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +0.3/-0.5mm
Н	12mm +0.1/-0.5mm
Т	6mm +0.2/-0.5mm
S	15mm +/-0.4mm
НО	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	T&R, Large
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	2.45 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications			
Capacitance	0.027 uF		
Capacitance Tolerance	10%		
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	41.3 mOhms (100kHz)		
Ripple Current	2.94 Amps (100kHz 85C), 54 Amps (Peak)		
Inductance	10 nH		

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