

R75QI2270AA00K

Aliases (75QI2270AA00K)

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
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1750	

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

Considerations		
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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