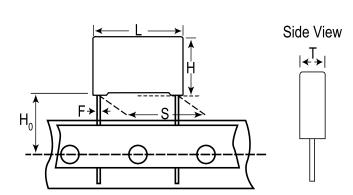


R75QN2470DQ00K

Aliases (75QN2470DQ00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 1,000 VDC, 85°C, 22.5 mm



Click here for the 3D model.	Click	here	for	the	3D	model.
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Click Here for the 3D model.				
Dimensions				
L	26.5mm +0.3/-0.5mm			
Н	15mm +0.1/-0.5mm			
Т	6mm +0.2/-0.5mm			
S	22.5mm +/-0.4mm			
НО	18.5mm +/-0.5mm			
F	0.8mm +/-0.05mm			

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	464

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3.1 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.047 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	300 VAC
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	800 V/us
ESR	50.8 mOhms (100kHz)
Ripple Current	3.01 Amps (100kHz 85C), 38 Amps (Peak)
Inductance	16 nH

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