

Dimension

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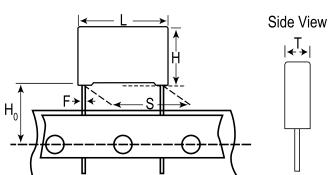
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## R75Q12220DQ00K

Aliases (75QI2220DQ00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.022 uF, 10%, 1,000 VDC, 85°C, 15 mm



<del>/</del>	<del></del>	Qualifications
	<u> </u>	AEC-Q200
		Typical Compor
		Miscellaneous
	Click here for the 3D model.	
ns		Specifications
	18mm +0.3/-0.5mm	Capacitance
	11mm +0.1/-0.5mm	Tolerance

15mm +/-0.4mm

18.5mm +/-0.5mm 0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	800

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	1.721 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications	
Capacitance	0.022 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	2,000 V/us
ESR	50.6 mOhms (100kHz)
Ripple Current	2.56 Amps (100kHz 85C), 44 Amps (Peak)
Inductance	10 nH

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