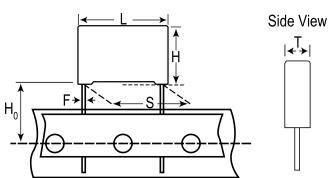


R75Q12150DQ00K

Aliases (75QI2150DQ00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.015 uF, 10%, 1,000 VDC, 85°C, 15 mm



* 110		
7 10		Qualifications
\ <u>U</u>	<u> </u>	AEC-Q200
		Typical Component Weight
		Miscellaneous
	Click here for the 3D model.	
Dimensions		Specifications
L	18mm +0.3/-0.5mm	Capacitance
Н	11mm +0.1/-0.5mm	Tolerance
Т	5mm +0.2/-0.5mm	Voltage DC

15mm +/-0.4mm

18.5mm +/-0.5mm

0.8mm +/-0.05mm

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

S

HO

F

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

Specifications	
Capacitance	0.015 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	74.3 mOhms (100kHz)
Ripple Current	2.11 Amps (100kHz 85C), 30 Amps (Peak)
Inductance	10 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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