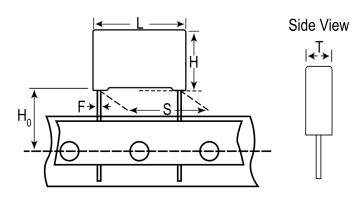


R75QI2150DQ00K

Aliases (75QI2150DQ00K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.015 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

Dimensions		
L	18mm +0.3/-0.5mm	
Н	11mm +0.1/-0.5mm	
Т	5mm +0.2/-0.5mm	
S	15mm +/-0.4mm	
НО	18.5mm +/-0.5mm	
F	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
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.629 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Capacitance 0.015 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 74.3 mOhms (100kHz) Ripple Current 2.11 Amps (100kHz 85C), 30 Amps (Peak)	Specifications	
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 74.3 mOhms (100kHz)	Capacitance	0.015 uF
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 74.3 mOhms (100kHz)	Capacitance Tolerance	10%
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 74.3 mOhms (100kHz)	Voltage AC	250 VAC
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 74.3 mOhms (100kHz)	Voltage DC	1000 VDC
Dissipation Factor 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz Insulation Resistance 100 GOhms Max dV/dt 2000 V/us Resistance 74.3 mOhms (100kHz)	Temperature Range	-55/+105°C
Insulation Resistance 100 GOhms Max dV/dt 2000 V/us Resistance 74.3 mOhms (100kHz)	Rated Temperature	85°C
Max dV/dt 2000 V/us Resistance 74.3 mOhms (100kHz)	Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Resistance 74.3 mOhms (100kHz)	Insulation Resistance	100 GOhms
(Max dV/dt	2000 V/us
Ripple Current 2.11 Amps (100kHz 85C), 30 Amps (Peak)	Resistance	74.3 mOhms (100kHz)
	Ripple Current	2.11 Amps (100kHz 85C), 30 Amps (Peak)
Inductance 10 nH	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.