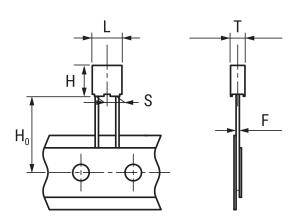


R82EC3470DQ70K

Aliases (82EC3470DQ70K)

General Information

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.47 uF, 10%, 100 VDC, $85^{\circ}\text{C}, 5\,\text{mm}$



Click here for the 3D model.

SeriesR82DielectricMetallized Polyester StackedStyleRadialFeaturesAutomotive Grade, DC Multipurpose ApplicationsRoHSYesTerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200YesTypical Component Weight0.62 gMiscellaneousAbove 85C DC And AC Voltage Derating Is 1.25%/C.		
Style Radial Features Automotive Grade, DC Multipurpose Applications RoHS Yes Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Series	R82
Features Automotive Grade, DC Multipurpose Applications RoHS Yes Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Dielectric	Metallized Polyester Stacked
Multipurpose Applications RoHS Yes Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Style	Radial
Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Features	
Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	RoHS	Yes
Qualifications AEC-Q200 AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Termination	Tinned Wire
AEC-Q200 Yes Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Lead	Wire Leads
Typical Component Weight 0.62 g Miscellaneous Above 85C DC And AC Voltage	Qualifications	AEC-Q200
Miscellaneous Above 85C DC And AC Voltage	AEC-Q200	Yes
· ····································	Typical Component Weight	0.62 g
	Miscellaneous	

Dimensions	
L	7.2mm +0.3/-0.5mm
Н	9.5mm +0.1/-0.5mm
Т	4.5mm +0.1/-0.5mm
S	5mm +/-0.4mm
НО	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1900

Specifications	
Capacitance	0.47 uF
Tolerance	10%
Voltage DC	100 VDC
Voltage AC	63 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	10.6383 GOhms
Max dV/dt	200 V/us
Inductance	7 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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