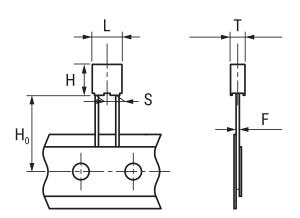


## R82DC4100DQ60J

Aliases (82DC4100DQ60J)

**General Information** 

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 63 VDC,  $85^{\circ}$ C, 5 mm



Click here for the 3D model.

SeriesR82DielectricMetallized Polyester StackedStyleRadialFeaturesAutomotive Grade, DC Multipurpose ApplicationsRoHSYesTerminationTinned WireLeadWire LeadsQualificationsAEC-Q200AEC-Q200YesTypical Component Weight0.53 g		
Style Radial  Features Automotive Grade, DC Multipurpose Applications  RoHS Yes  Termination Tinned Wire  Lead Wire Leads  Qualifications AEC-Q200  AEC-Q200 Yes	Series	R82
Features Automotive Grade, DC Multipurpose Applications  RoHS Yes Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 Yes	Dielectric	Metallized Polyester Stacked
Multipurpose Applications  RoHS Yes  Termination Tinned Wire  Lead Wire Leads  Qualifications AEC-Q200  AEC-Q200 Yes	Style	Radial
Termination Tinned Wire Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes	Features	
Lead Wire Leads  Qualifications AEC-Q200  AEC-Q200 Yes	RoHS	Yes
Qualifications AEC-Q200 AEC-Q200 Yes	Termination	Tinned Wire
AEC-Q200 Yes	Lead	Wire Leads
	Qualifications	AEC-Q200
Typical Component Weight 0.53 g	AEC-Q200	Yes
	Typical Component Weight	0.53 g
Miscellaneous Above 85C DC And AC Voltage Derating Is 1.25%/C.	Miscellaneous	

Dimensions	
L	7.2mm +0.3/-0.5mm
Н	10mm +0.1/-0.5mm
Т	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	1700

Specifications	
Capacitance	1uF
Tolerance	5%
Voltage DC	63 VDC
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	5 GOhms
Max dV/dt	160 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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