

R82DC3100AA50K

Aliases (82DC3100AA50K)

General Information

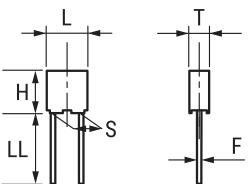
Series

Dielectric

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 63 VDC, 85°C, 5 mm

R82

Metallized Polyester Stacked



	Style	Radial
HILLS F	Features	Automotive Grade, DC Multipurpose Applications
	RoHS	Yes
	Termination	Cut (Tinned Wire)
	Lead	Cut
Click here for the 3D model.	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	0.183 g
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Dimensions	Specifications	

Dimensions	
L	7.2mm +0.2/-0.5mm
Н	6.5mm +0.1/-0.5mm
Т	2.5mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	3000

Specifications	
Capacitance	0.1 uF
Tolerance	10%
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, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	160 V/us
Inductance	7 nH

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