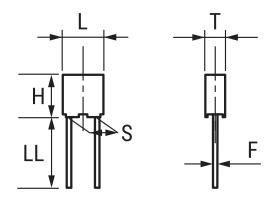


R82DC3100AA50K

Aliases (82DC3100AA50K) R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 63 VDC, 85°C, 5 mm



Click here for the 3D model.

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
F	0.5mm +/-0.05mm

Bulk

3000

Packaging Specifications

Packaging Packaging Quantity

General Information	
Series	R82
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.183 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

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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