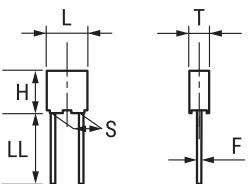


## R82EC3100AA70K

Aliases (82EC3100AA70K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 100 VDC, 85°C, 5 mm



Ţ		Lead
	u u u	Qualifications
		AEC-Q200
	Typical Component Weigh	
	Miscellaneous	
Dimensions		Specifications
L	7.2mm +0.2/-0.5mm	Capacitance
Н	6.5mm +0.1/-0.5mm	Tolerance
Т	2.5mm +0.1/-0.5mm	Voltage DC

5mm +/-0.4mm

0.5mm +/-0.05mm

4mm +1.5mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	3000	

S

LL

F

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	0.186 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Specifications	
Capacitance	0.1 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, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	200 V/us
Inductance	7 nH

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