

## R82EC3100JH70J

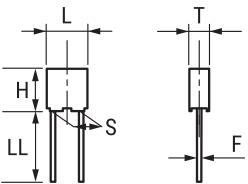
Aliases (82EC3100JH70J)

**General Information** 

Series

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

R82



	Dielectric	Metallized Polyester Stacked
S	Style	Radial
	Features	Automotive Grade, DC Multipurpose Applications
	RoHS	Yes
	Termination	Cut (Tinned Wire)
	Lead	Cut
	Qualifications	AEC-Q200
	AEC-Q200	Yes
Click here for the 3D model.	Typical Component Weight	0.23 g
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
	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	3.2mm +0.3/-0.2mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	3000

Specifications	
Capacitance	0.1 uF
Tolerance	5%
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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