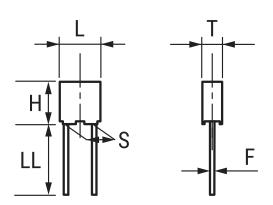


## R82EC4100JH70K

Aliases (82EC4100JH70K)

**General Information** 

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 100 VDC,  $85^{\circ}\text{C}, 5~\text{mm}$ 



Click here for the 3D model.

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

Dimensions		
L	7.2mm +0.3/-0.5mm	
Н	11mm +0.1/-0.5mm	
Т	6mm +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	2000	

Specifications			
Capacitance	1uF		
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		
Insulation Resistance	5 GOhms		
Max dV/dt	200 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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