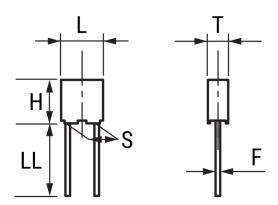


## R82EC4100JB70K

Aliases (82EC4100JB70K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm



Click here for the 3D model.

Dimensions	
L	7.2mm +0.3mm
Н	11mm +0.1mm
Т	6mm +0.1mm
S	5mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	2000	

General Information			
Series	R82		
Dielectric	Metallized Polyester Stacked		
Style	Radial		
Features	Automotive Grade, DC Multipurpose Applications		
RoHS	Yes		
Lead	Cut		
Qualifications	AEC-Q200		
AEC-Q200	Yes		
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.		

Specifications				
Capacitance	1uF			
Capacitance Tolerance	10%			
Voltage AC	63 VAC			
Voltage DC	100 VDC			
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.