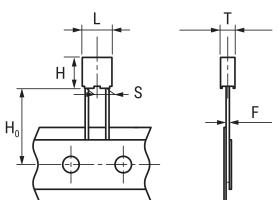


## R82EC3100CK70M

Aliases (82EC3100CK70M)

**General Information** 

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 20%, 100 VDC, 85°C, 5 mm



Click here for the 3D model

F	Series	R82
	Dielectric	Metallized Polyester Stacked
	Style	Radial
	Features	Automotive Grade, DC Multipurpose Applications
	RoHS	Yes
	Termination	Tinned Wire
	Lead	Wire Leads
	Qualifications	AEC-Q200
	AEC-Q200	Yes
el.	Typical Component Weight	0.372 g
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

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
НО	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	2500

Specifications	
Capacitance	0.1 uF
Tolerance	20%
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

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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