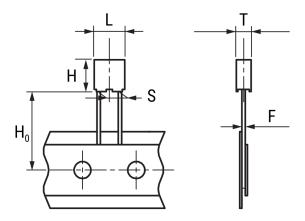


## R82EC1680CK50K

Aliases (82EC1680CK50K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 6800 pF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm



Click here for the 3D model.

Dimensions	
L	7.2mm +0.2mm
Н	6.5mm +0.1mm
Т	2.5mm +0.1mm
S	5mm +0.6/-0.1mm
НО	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	2500	

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

Specifications			
Capacitance	6800 pF		
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, 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.