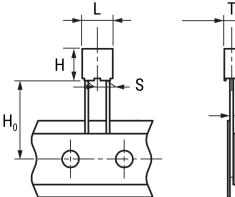
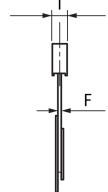


## R82EC1680DQ50K

## Aliases (82EC1680DQ50K)

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 Packaging Quantity Ammo, 360x340x59mm, Box 3500

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
Component Weight	0.331g
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	
<b>Dissipation Factor</b>	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.