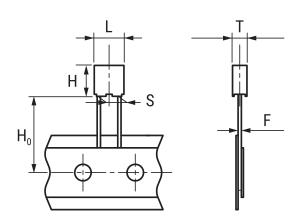


## R82EC3680DQ70K

Aliases (82EC3680DQ70K)

anaral Information

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 10%, 100 VDC,  $85^{\circ}\text{C}, 5\,\text{mm}$ 



Click here for the 3D model.

General Information	
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
Typical Component Weight	0.72 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	7.2mm +0.3/-0.5mm
Н	10mm +0.1/-0.5mm
Т	5mm +0.1/-0.5mm
S	5mm +/-0.4mm
НО	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1700

Specifications	
Capacitance	0.68 uF
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	7.3529 GOhms
Max dV/dt	200 V/us
Inductance	7 nH

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