

## R82EC3680DQ70K

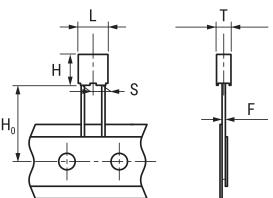
Aliases (82EC3680DQ70K)

**General Information** 

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 10%, 100 VDC, 85°C, 5 mm

R82

Metallized Polyester Stacked



<u> </u>	Style	Radial
F F	Features	Automotive Grade, DC Multipurpose Applications
	RoHS	Yes
	Termination	Tinned Wire
	Lead	Wire Leads
Click here for the 3D model.	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	0.72 g
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
	Specifications	

Series Dielectric

Dimensions	
L	7.2mm +0.3/-0.5mm
Н	10mm +0.1/-0.5mm
T	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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