

R82EC3680DQ70J

Aliases (82EC3680DQ70J)

General Information

Series Dielectric

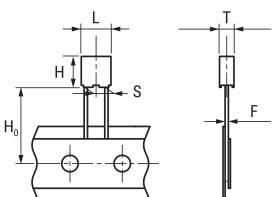
Style

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

R82

Radial

Metallized Polyester Stacked



Dimensions	Specifications	
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Click here for the 3D model.	Typical Component Weight	0.72 g
	AEC-Q200	Yes
	Qualifications	AEC-Q200
H ₀ F	Lead	Wire Leads
	Termination	Tinned Wire
	RoHS	Yes
	Features	Automotive Grade, DC Multipurpose Applications
	-	

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

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

Specifications	
Capacitance	0.68 uF
Tolerance	5%
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

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.

Generated 04/24/2025 © 2006 - 2025 YAGEO