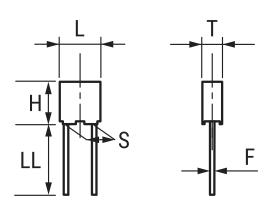


## R82DC3680Z360J

Aliases (82DC3680Z360J)

**General Information** 

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 5%, 63 VDC, 85°C, 5 mm



Click here for the 3D model.

	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	0.62 g
	Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions			
L	7.2mm +0.3/-0.5mm		
Н	9.5mm +0.1/-0.5mm		
Т	4.5mm +0.1/-0.5mm		
S	5mm +/-0.4mm		
LL	17mm +1/-2mm		
F	0.5mm +/-0.05mm		

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	2000	

Specifications				
Capacitance	0.68 uF			
Tolerance	5%			
Voltage DC	63 VDC			
Voltage AC	40 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	160 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 05/15/2025 © 2006 - 2025 YAGEO