

## R82DC3680Z360J

Aliases (82DC3680Z360J)

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



Click [here](#) for the 3D model.

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

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	2000

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

Specifications	
Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage AC	40 VAC
Voltage DC	63 VDC
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