

R82DC3680AA60K

Aliases (82DC3680AA60K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 10%, 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	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

General Information

Series	R82
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Lead	Cut
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	10%
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