

R82EC3100JC70K

Aliases (82EC3100JC70K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm



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

Dimensions

L	7.2mm +0.2mm
H	6.5mm +0.1mm
T	2.5mm +0.1mm
S	5mm +/-0.4mm
LL	10mm +1mm
F	0.5mm +/-0.05mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	3000

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

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage AC	63 VAC
Voltage DC	100 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	200 V/us
Inductance	7 nH