

## R82CC4220AA70K

Aliases (82CC4220AA70K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 2.2 uF, 10%, 50 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

L	7.2mm +0.3mm
H	11mm +0.1mm
T	6mm +0.1mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
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	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	2.2 uF
Capacitance Tolerance	10%
Voltage AC	30 VAC
Voltage DC	50 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	454.5 MOhms
Max dV/dt	100 V/us
Inductance	7 nH