

## R82CC4470AA30K

Aliases (82CC4470AA30K)

R82, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 10%, 50 VDC, 85°C, 5 mm



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

### General Information

Series	R82
Dielectric	Metallized Polyester
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1.35 g
Miscellaneous	Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Dimensions

L	7.2mm +0.3/-0.5mm
H	13mm +0.1/-0.5mm
T	7.2mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

### Specifications

Capacitance	4.7 uF
Tolerance	10%
Voltage DC	50 VDC
Voltage AC	30 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	212.8 MOhms
Max dV/dt	25 V/us
Inductance	7 nH

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