

## R82CC4330DQ30K

Aliases (82CC4330DQ30K)

R82, Film, Metallized Polyester, Automotive Grade, 3.3 uF, 10%, 50 VDC, 85°C, 5mm



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General Information	
Series	R82
Dielectric	Metallized Polyester
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
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.

Specifications	
Capacitance	3.3 uF
Capacitance 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	303 MOhms
Max dV/dt	25 V/us
Inductance	7 nH

### Dimensions

L	7.2mm +0.3mm
H	13mm +0.1mm
T	7.2mm +0.1mm
S	5mm +0.6/-0.1mm
H <sub>0</sub>	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	1150

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