

C1812C331KHRACAUTO

SMD Auto X7R HV, Ceramic, 330 pF, 10%, 3000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 1812



Click here for the 3D model.

Chip Size 1812   L 4.5mm +/-0.3mm   W 3.2mm +/-0.3mm	
W 3.2mm + /=0.3mm	
3.2mm 0.5mm	
T 1mm +/-0.10mm	
B 0.6mm +/-0.35mm	

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

General Information	
Series	SMD Auto X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade
Features	High Voltage, Temp Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	95 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	330 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	3000 VDC
Dielectric Withstanding Voltage	3600 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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