

## C1206X332K1GCAUTO

ESD SMD Auto COG, Ceramic, 3,300 pF, 10%, 100 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206 / 3216



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

### General Information

Series	ESD SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	15 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	3,300 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
ESD Level per AEC-Q200	16,000 V ESD Level
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOHms

### Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	0.78mm +/-0.20mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

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