

# C1206C222M2GEC7210

ESD SMD Comm COG, Ceramic, 2,200 pF, 20%, 200 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 1.5 mm, 1206 / 3216



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

## General Information

Series	ESD SMD Comm COG
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I
Features	Temperature Stable, Low ESR, Class I
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

## Specifications

Capacitance	2,200 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	200 VDC
ESD Level per AEC-Q200	16,000 V ESD Level
Dielectric Withstanding Voltage	500 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	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.1mm +/-0.10mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

## Packaging Specifications

Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	10000

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