

## C1210C821MFGACTU

Aliases (C1210C821MFGAC7800)

SMD Comm COG HV, Ceramic, 820 pF, 20%, 1,500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210, 1.5 mm



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

### General Information

Series	SMD Comm COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	70 mg
Shelf Life	78 Weeks
MSL	1

### Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.7mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

### Specifications

Capacitance	820 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	20%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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