

## C1210X683J1GACTU

Aliases (C1210X683J1GAC7800)

SMD Comm COG Flex, Ceramic, 0.068 uF, 5%, 100 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1210, 1.5 mm



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

### General Information

Series	SMD Comm COG Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Ultra-Stable
Features	FT-CAP, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	40 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	100 VDC
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	14.7059 GOhms

### Dimensions

Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	1.25mm +/-0.20mm
S	1.5mm MIN
B	0.6mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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