

## C2220C154J1GACTU

Aliases (C2220C154J1GAC7800)

SMD Comm COG, Ceramic, 0.15 uF, 5%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 3.5 mm, 2220 / 5651



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

### General Information

Series	SMD Comm COG
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
Typical Component Weight	130 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.15 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	6.6667 GOhms

Dimensions	
L	5.7mm +/-0.4mm
W	5mm +/-0.4mm
T	1mm +/-0.15mm
S	3.5mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	2220 / 5651

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

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