

## C2225C102KHGACTU

Aliases (C2225C102KHGAC7800) SMD Comm COG HV, Ceramic, 1,000 pF, 10%, 3,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2225, 3.2 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	390 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	3000 VDC
Dielectric Withstanding Voltage	3,600 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

 Dimensions

 Chip Size
 2225

 L
 5.6mm +/-0.4mm

 W
 6.4mm +/-0.4mm

 T
 2.5mm +/-0.20mm

 S
 3.2mm MIN

 B
 0.6mm +/-0.35mm

## Packaging Specifications Packaging

PackagingT&R, 180mm, Plastic TapePackaging Quantity500

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