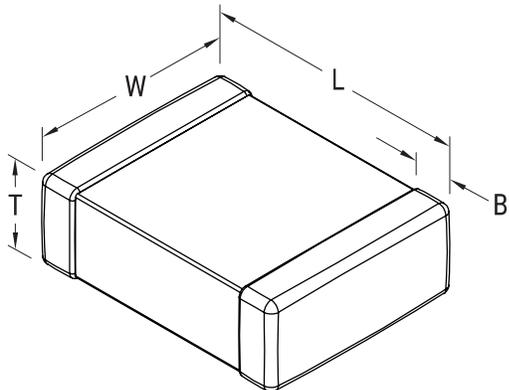


**KEMET Part Number: C2225C131JKGACTU**  
(C2225C131JKGAC7800)

SMD Comm COG HV, Ceramic, 130 pF, 5%, 10000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2225



**Dimensions**

Chip Size	2225
L	5.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	2.5mm +/-0.20mm
B	0.6mm +/-0.35mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	500

**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
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	130 pF
Capacitance Tolerance:	5%
Voltage DC:	10000 VDC
Dielectric Withstanding Voltage:	12000 VDC
Temperature Range:	-55/+125°C
Temperature 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