

**KEMET Part Number: C1808X561JGGACTU**  
(C1808X561JGGAC7800)



SMD Comm COG HV Flex, Ceramic, 560 pF, 5%, 2000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1808



General Information	
Series:	SMD Comm COG HV 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
Shelf Life:	78 Weeks
MSL:	1

Dimensions	
Chip Size	1808
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1.6mm +/-0.15mm
B	0.7mm +/-0.35mm

Specifications	
Capacitance:	560 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	2000 VDC
Dielectric Withstanding Voltage:	2400 VDC
Temperature Range:	-55/+125°C
Temperature 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

Packaging Specifications	
Weight:	81 mg
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

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