

**KEMET Part Number: C1808X332JBGACTU**  
(C1808X332JBGAC7800)

SMD Comm COG HV Flex, Ceramic, 3300 pF, 5%, 630 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1808



Dimensions	
Chip Size	1808
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1.4mm +/-0.15mm
B	0.7mm +/-0.35mm

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

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

Specifications	
Capacitance:	3300 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	630 VDC
Dielectric Withstanding Voltage:	945 VDC
Temperature Range:	-55/+125°C
Temperature 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:	100 GOhms