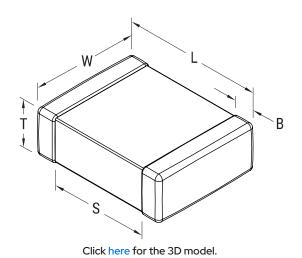


## **C1812X101JDGACTU**

Aliases (C1812X101JDGAC7800) SMD Comm COG HV Flex, Ceramic, 100 pF, 5%, 1,000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812, 2.3 mm



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	
Typical Component Weight	67 mg	
Shelf Life	78 Weeks	
MSL	1	

100 pF

100 GOhms

Dimensions	
Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	2.3mm MIN
В	0.7mm +/-0.35mm

	4.5mm +/-0.4mm	Measurement Condition	1 MHz 1.0Vrms
	3.2mm +/-0.3mm	Tolerance	5%
	1.25mm +/-0.15mm	Voltage DC	1000 VDC
	2.3mm MIN	Dielectric Withstanding Voltage	1,200 VDC
	0.7mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
cations	T&R, 180mm, Plastic Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
У	1000	Dissipation Factor	0.1% 1 MHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour

Insulation Resistance

**Specifications** 

Capacitance

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

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