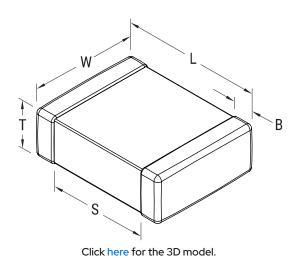


## C1206X120J5GACTU

Aliases (C1206X120J5GAC7800) SMD Comm COG Flex, Ceramic, 12 pF, 5%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1.5 mm, 1206 / 3216



General Information	
Series	SMD Comm COG 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	15 mg
Shelf Life	78 Weeks
MSL	1

12 pF

1 MHz 1.0Vrms

Dimensions	
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
Т	0.78mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

Т	0.78mm +/-0.20mm	Tolerance	5%
S	1.5mm MIN	Voltage DC	50 VDC
В	0.6mm +/-0.25mm	Dielectric Withstanding Voltage	125 VDC
Case Code (EIA / mm)	1206 / 3216	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity	4000	Dissipation Factor	0.1% 1 MHz 1.0Vrms

**Specifications** 

Measurement Condition

Capacitance

0.20mm	Tolerance	5%
	Voltage DC	50 VDC
).25mm	Dielectric Withstanding Voltage	125 VDC
	Temperature Range	-55/+125°C
	Temp. Coefficient	COG
n, Plastic Tape	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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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