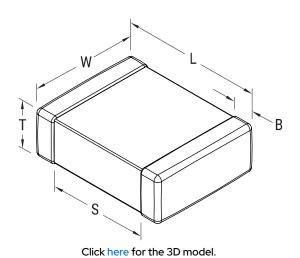


C1210X103J1GACTU

Aliases (C1210X103J1GAC7800) SMD Comm COG Flex, Ceramic, 0.01 uF, 5%, 100 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1210, 1.5 mm



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	40 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
Т	1.1mm +/-0.15mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

L	3.3mm +/-0.4mm	Measurement Condition	TRHZ LOVIIIS
W	2.6mm +/-0.3mm	Tolerance	5%
Т	1.1mm +/-0.15mm	Voltage DC	100 VDC
S	1.5mm MIN	Dielectric Withstanding Voltage	250 VDC
В	0.6mm +/-0.25mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity	2500	Dissipation Factor	0.1% 1 kHz 1.0Vrms

Specifications

Capacitance

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Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. 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

0.01 uF

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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