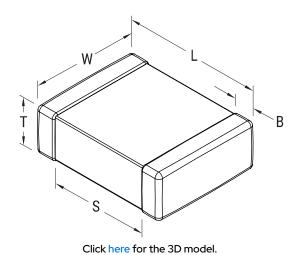


C1812X103F5GACTU

Aliases (C1812X103F5GAC7800) SMD Comm COG Flex, Ceramic, 0.01 uF, 1%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812, 2.3 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	67 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		
Chip Size	1812	
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
т	1mm +/-0.10mm	
S	2.3mm MIN	
В	0.7mm +/-0.35mm	

Packaging Specifications Packaging

Packaging Quantity

T&R, 180mm, Plastic Tape 1000

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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

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