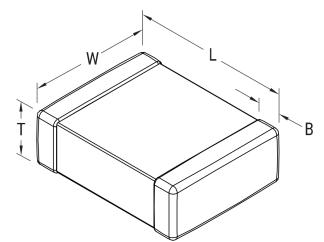


C1812X103KDGACTU

Aliases (C1812X103KDGAC7800)

SMD Comm COG HV Flex, Ceramic, 0.01 uF, 10%, 1000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	2mm +/-0.20mm
В	0.7mm +/-0.35mm

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	500	
5 5		

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		
Component Weight	87 mg		
Shelf Life	78 Weeks		
MSL	1		

Specifications			
Capacitance	0.01 uF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	1000 VDC		
Dielectric Withstanding Voltage	1200 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		

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.