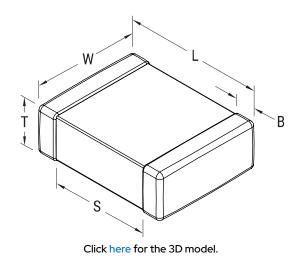


## C1812X104K5RACTU

Aliases (C1812X104K5RAC7800) SMD Comm X7R Flex, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1812, 2.3 mm



General Information		
Series	SMD Comm X7R Flex	
Style	SMD Chip	
Description	SMD, MLCC, FT-CAP, Temperature Stable	
Features	FT-CAP, Temperature Stable	
RoHS	Yes	
Termination	Flexible Termination	
Marking	No	
AEC-Q200	No	
Typical Component Weight	95 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications	
1812	Capacitance	0.1 uF
4.5mm +/-0.4mm	Measurement Condition	1 kHz 1.0Vrms
3.2mm +/-0.3mm	Tolerance	10%
1mm +/-0.10mm	Voltage DC	50 VDC
2.3mm MIN	Dielectric Withstanding Voltage	125 VDC
0.7mm +/-0.35mm	Temperature Range	-55/+125°C
	Temp. Coefficient	X7R
	Capacitance Change with	15%, 1kHz 1.0Vrms
T&R, 180mm, Plastic Tape	Reference to +25°Č and 0 VDC Applied (TCC)	
1000	Dissipation Factor	2.5%1 kHz 1.0Vrms

Aging Rate

Insulation Resistance

Dimensions Chip Size L W т s в

## **Packaging Specifications** Packaging

Packaging Quantity

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.

3% Loss/Decade Hour: Referee Time is 1000 Hours

10 GOhms