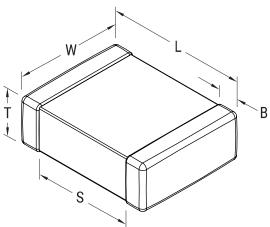


## **C1210C123KFRACTU**

Aliases (C1210C123KFRAC7800)

**General Information** 

SMD Comm X7R HV, Ceramic, 0.012 uF, 10%, 1,500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210, 1.5 mm



	Series	SMD Comm X7R HV
L L	Style	SMD Chip
	Description	SMD, MLCC, High Voltage, Temperature Stable
В	Features	High Voltage
	RoHS	Yes
	Termination	Tin
	Marking	No
S	AEC-Q200	No
	Typical Component Weight	105 mg
Click here for the 3D model.	Shelf Life	78 Weeks
	MSL	1

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	2.1mm +/-0.20mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

Specifications	
Capacitance	0.012 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	83.3333 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.

Generated 05/21/2025 © 2006 - 2025 YAGEO