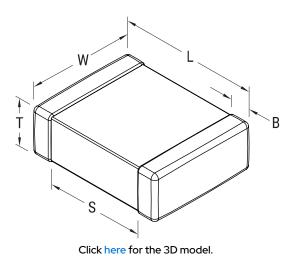


C2220X103KCRACTU

Aliases (C2220X103KCRAC7800) SMD Comm X7R HV Flex, Ceramic, 0.01 uF, 10%, 500 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 2220, 3.5 mm



General Information		
Series	SMD Comm X7R HV 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	230 mg	
Shelf Life	78 Weeks	
MSL	1	

0.01 uF

Dimensions	
Chip Size	2220
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	3.5mm MIN
В	0.7mm +/-0.35mm

	5.9mm +/-0.75mm	Measurement Condition	1 kHz 1.0Vrms	
	5mm +/-0.4mm	Tolerance	10%	
	1.4mm +/-0.15mm	Voltage DC	500 VDC	
	3.5mm MIN	Dielectric Withstanding Voltage	750 VDC	
	0.7mm +/-0.35mm	Temperature Range	-55/+125°C	
		Temp. Coefficient	X7R	
ging Specifications		Capacitance Change with	15%, 1kHz 1.0Vrms	
ing	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)		
ing Quantity 1000	Dissipation Factor	2.5%1kHz1.0Vrms		
		Aging Rate	3% Loss/Decade Hour: Referee	

Specifications

Capacitance

Т	1.4mm +/-0.15mm	Voltage DC	500 VDC
S	3.5mm MIN	Dielectric Withstanding Voltage	750 VDC
В	0.7mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
Packaging Specifications		Capacitance Change with	15%, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity 1000	Dissipation Factor	2.5%1kHz1.0Vrms	
		Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
		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.

Generated 06/07/2025 © 2006 - 2025 YAGEO