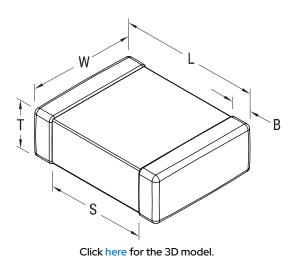


## C2220C822K1TACTU

Aliases (C2220C822K1TAC7800)

SMD Comm X8G HT150C, Ceramic, 8,200 pF, 10%, 100 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 2220, 3.5 mm



General Information		
Series	SMD Comm X8G HT150C	
Style	SMD Chip	
Description	SMD, MLCC, High Temperature, Ultra-Stable	
Features	High Temperature, Ultra-Stable	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	190 mg	
Shelf Life	78 Weeks	
MSL	1	

8,200 pF

1 kHz 1.0Vrms

Dimensions	
Chip Size	2220
L	5.7mm +/-0.4mm
W	5mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	3.5mm MIN
В	0.6mm +/-0.35mm
D	0.011111 7 0.3311111

VV	311111 +/ -0.411111
Т	1.4mm +/-0.15mm
S	3.5mm MIN
В	0.6mm +/-0.35mm
Packaging Specifications	

W	5mm +/-0.4mm	Tolerance	10%
Т	1.4mm +/-0.15mm	Voltage DC	100 VDC
S	3.5mm MIN	Dielectric Withstanding Voltage	250 VDC
В	0.6mm +/-0.35mm	Temperature Range	-55/+150°C
		Temp. Coefficient	X8G
Packaging Specifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	., , .
Packaging Quantity 1000	Dissipation Factor	0.1% 1 kHz 1.0Vrms	
		Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
		Insulation Resistance	100 GOhms

**Specifications** 

Measurement Condition

Capacitance

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.

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