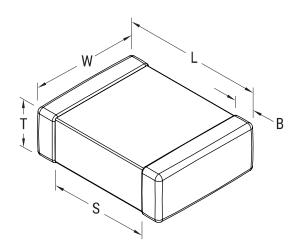


## C0805C221FDGACTU

Aliases (C0805C221FDGAC7800) SMD Comm C0G HV, Ceramic, 220 pF, 1%, 1,000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805, 0.7 mm



Click here for the 3D model.

General Information		
Series	SMD Comm COG HV	
Style	SMD Chip	
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Features	Ultra-Stable, Low Loss, Class I	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	14 mg	
Shelf Life	78 Weeks	
MSL	1	

ns		Specifications
	0805	Capacitance
	2mm +/-0.2mm	Measurement Condition
	1.25mm +/-0.2mm	Tolerance
	1.25mm +/-0.15mm	Voltage DC
	0.7mm MIN	Dielectric Withstandin
	0.5mm +/-0.25mm	Temperature Range
		Temp. Coefficient
g Specifications		Capacitance Change

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

Specifications	
Capacitance	220 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	1%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 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.

Dimension Chip Size

L W T S B