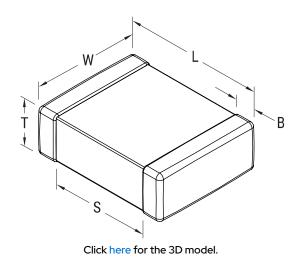


C1812C221KHGACTU

Aliases (C1812C221KHGAC7800) SMD Comm COG HV, Ceramic, 220 pF, 10%, 3,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812, 2.3 mm



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	87 mg
Shelf Life	78 Weeks
MSL	1

220 pF

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	2mm +/-0.20mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

	4.5mm +/-0.3mm	Measurement Condition	1 MHz 1.0Vrms	
	3.2mm +/-0.3mm	Tolerance	10%	
	2mm +/-0.20mm	Voltage DC	3000 VDC	
	2.3mm MIN	Dielectric Withstanding Voltage	3,600 VDC	
	0.6mm +/-0.35mm	Temperature Range	-55/+125°C	
		Temp. Coefficient	COG	
ifications		Capacitance Change with Reference to +25°C and 0 VDC	30 ppm/C, 1MegaHz 1.0Vrms	
	T&R, 180mm, Plastic Tape	Applied (TCC)		
tity	500	Dissipation Factor	0.1% 1 MHz 1.0Vrms	
		Aging Rate	0% Loss/Decade Hour	

Specifications

Capacitance

VV	3.2mm +/-0.3mm	Tolerance	10%
Т	2mm +/-0.20mm	Voltage DC	3000 VDC
S	2.3mm MIN	Dielectric Withstanding Voltage	3,600 VDC
В	0.6mm +/-0.35mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	11 / / 3
Packaging Quantity 500	500	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.

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