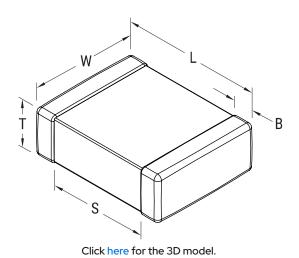


C1206H222J1GACTU

Aliases (C1206H222J1GAC7800)

SMD Indust COG HT200C, Ceramic, 2,200 pF, 5%, 100 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1.5 mm, 1206 / 3216



General Information	
Series	SMD Indust COG HT200C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable, Low Loss
Features	High Temp, Ultra-Stable, Low Loss
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.1mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

W	1.6mm +/-0.2mm	Measurement Condition	1 kHz 1.0Vrms
Т	1.1mm +/-0.10mm	Tolerance	5%
S	1.5mm MIN	Voltage DC	100 VDC
В	0.5mm +/-0.25mm	Dielectric Withstanding Voltage	250 VDC
Case Code (EIA / mm)	1206 / 3216	Temperature Range	-55/+200°C
		Temp. Coefficient	COG
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	2500	Dissipation Factor	0.1% 1 kHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour

Specifications

Capacitance	2,200 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+200°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 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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