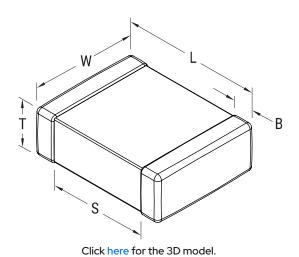


## C0805H271JDGACTU

Aliases (C0805H271JDGAC7800)

SMD Indust COG HVHT200C, Ceramic, 270 pF, 5%, 1,000 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0.7 mm, 0805 / 2012



General Information	
Series	SMD Indust COG HVHT200C
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	14 mg
Shelf Life	78 Weeks
MSL	1

270 pF

1 MHz 1.0Vrms

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.25mm +/-0.15mm
S	0.7mm MIN
В	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

Т	1.25mm +/-0.15mm	Tolerance	5%
S	0.7mm MIN	Voltage DC	1000 VDC
В	0.5mm +/-0.25mm	Dielectric Withstanding Voltage	1,200 VDC
Case Code (EIA / mm)	0805 / 2012	Temperature Range	-55/+200°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrm
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity	2500	Dissipation Factor	0.1% 1 MHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour

1.25mm +/-0.15mm	Tolerance	5%	
0.7mm MIN	Voltage DC	1000 VDC	
0.5mm +/-0.25mm	Dielectric Withstanding Voltage	1,200 VDC	
0805 / 2012	Temperature Range	-55/+200°C	
	Temp. Coefficient	COG	
	Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms	
T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	3.	
2500	Dissipation Factor	0.1% 1 MHz 1.0Vrms	
	Dissipation Factor	U.1% HWHZ I.UVITHS	
	Aging Rate	0% Loss/Decade Hour	
	Aging Nate	0 % LOSS/ Decade Flour	

**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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