


 Click [here](#) for the 3D model.

**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	36 mg
Shelf Life	78 Weeks
MSL	1

**Dimensions**

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.15mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

**Packaging Specifications**

Packaging	Cut Reel
Packaging Quantity	250

**Specifications**

Capacitance	270 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 VDC
Temperature Range	-55/+200°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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