

## C1206H102JDGAGTU

Aliases (C1206H102JDGAG7800)

SMD Indust COG HVHT200C, Ceramic, 1000 pF, 5%, 1000 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1206



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

### Dimensions

Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.15mm
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

### 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	Gold
Marking	No
AEC-Q200	No
Component Weight	36 mg
Miscellaneous	Gold (Au) 100 micro inches min..
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1000 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 VDC
Temperature Range	-55/+200°C
Temperature 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

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