

# C0805H101K5GACTU

Aliases (C0805H101K5GAC7800)

SMD Indust COG HT200C, Ceramic, 100 pF, 10%, 50 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0.7 mm, 0805 / 2012



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

## 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
Typical Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

## Specifications

Capacitance	100 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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% 1MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

## Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

## Packaging Specifications

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

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