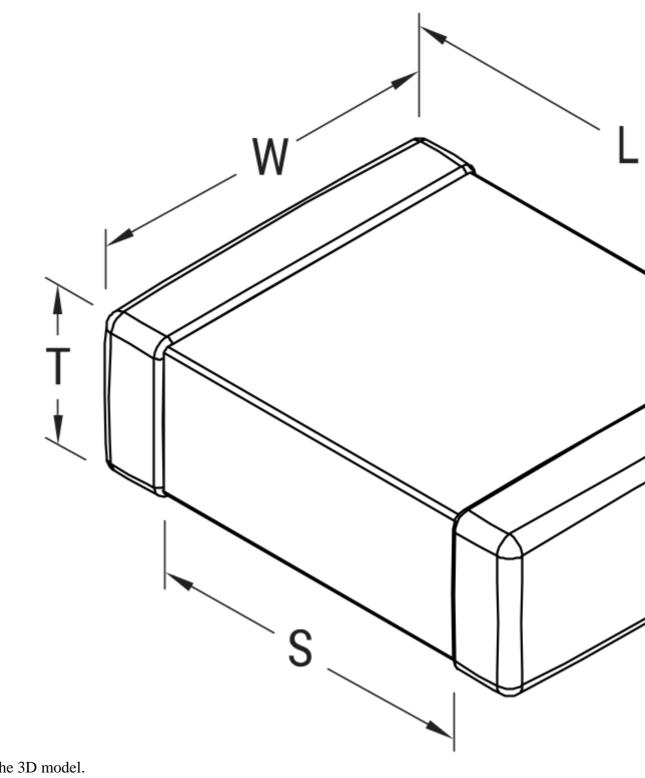
# C0402H102F5GACTU

## Aliases (C0402H102F5GAC7867)

SMD Indust C0G HT200C, Ceramic, 1000 pF, 1%, 50 VDC, C0G, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0402



Click <u>here</u> for the 3D model. Dimensions Chip Size 0402 L 1mm +/-0.05mm

#### Dimensions

- W 0.5mm +/-0.05mm
- T 0.5mm +/-0.05mm
- S 0.3mm MIN
- B 0.3mm +/-0.1mm

#### **Packaging Specifications**

Packaging T&R, 180mm, Paper Tape

Packaging Quantity 10000

### **General Information**

Series	SMD Indust C0G 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
Component Weight	t 1.06 mg
Shelf Life	78 Weeks
MSL	1

#### Specifications

Capacitance	1000 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+200°C
Temperature Coefficient	C0G
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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