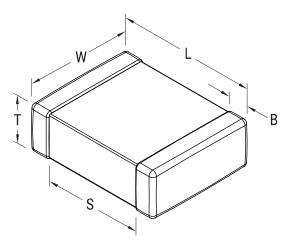


## C0402T100K5GACTU

Aliases (C0402T100K5GAC7867) SMD COTS C0G, Ceramic, 10 pF, 10%, 50 VDC, C0G, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0402, 0.3 mm



Click here for the 3D model.

General Information	
Series	SMD COTS COG
Style	SMD Chip
Description	SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%
AEC-Q200	No
Typical Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

402
nm +/-0.05mm
.5mm +/-0.05mm
.5mm +/-0.05mm
.3mm MIN
.3mm +/-0.1mm

## **Packaging Specifications**

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Specifications	
Capacitance	10 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. 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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