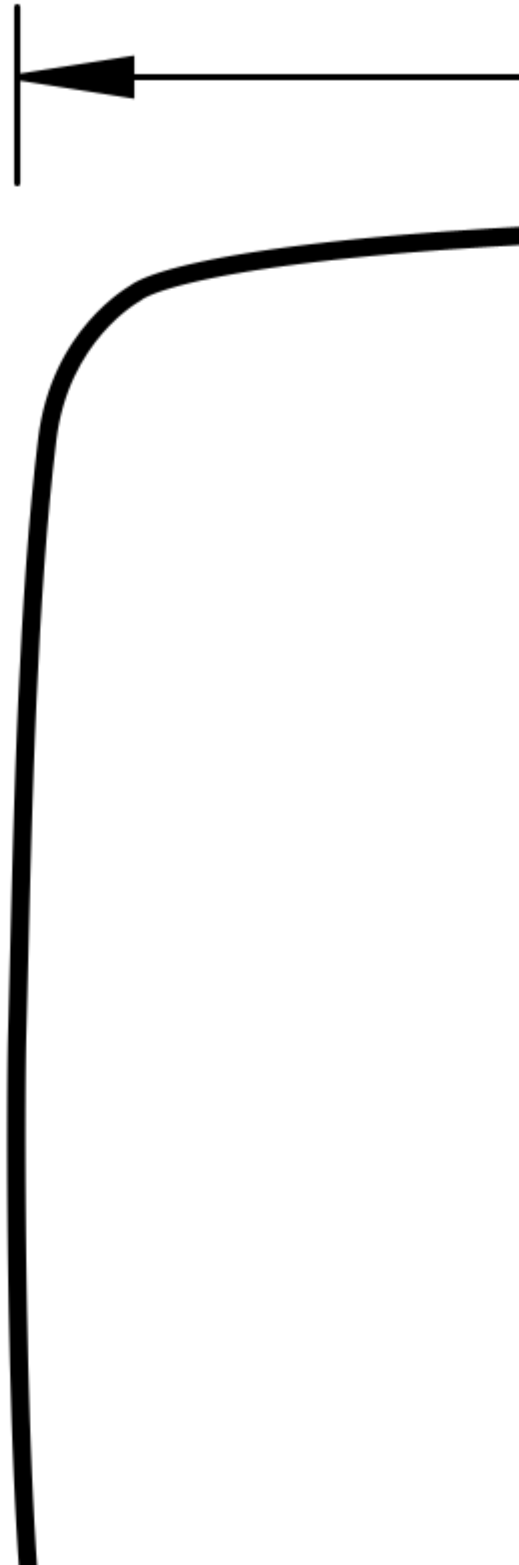


# C317C101K5G5TA7301

GoldMax 300 Comm C0G, Ceramic, 100 pF, 10%, 50 VDC, C0G, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



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

### Dimensions

L 3.81mm MAX  
H 5.08mm MAX  
T 2.54mm MAX  
S 5.08mm +/-0.78mm  
H0 16mm +/-0.5mm  
F 0.51mm +0.1/-0.025mm

### Packaging Specifications

Packaging T&R, 305mm  
Packaging Quantity 2500

### General Information

Series GoldMax 300 Comm C0G  
Style Radial  
Description GoldMax, Commercial Standard  
RoHS Yes  
Termination Tin  
Failure Rate N/A  
AEC-Q200 No  
Halogen Free Yes

### Specifications

Capacitance	100 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30PPM/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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