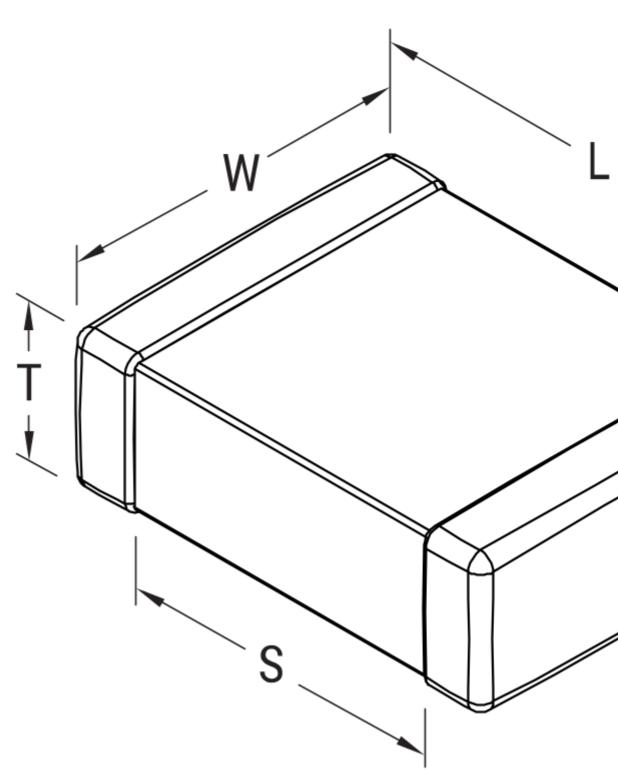
C0603C112F5GACTU

Aliases (C0603C112F5GAC7867)

SMD Comm C0G, Ceramic, 1100 pF, 1%, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



Click here for the 3D model.

Dimensions

Chip Size 0603

L 1.6mm +/-0.15mm

Dimensions

W 0.8mm +/-0.15mm T 0.8mm +/-0.07mm

S 0.7mm MIN

B 0.35mm +/-0.15mm

Packaging Specifications

Packaging T&R, 180mm, Paper Tape

Packaging Quantity 4000

General Information

Series SMD Comm C0G

Style SMD Chip

Description SMD, MLCC, Ultra-Stable, Low Loss, Class I

Features Ultra-Stable, Low Loss, Class I

RoHS Yes
Termination Tin
Marking No
AEC-Q200 No
Component Weight 3.7 mg
Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 1100 pF

Measurement Condition 1 kHz 1.0Vrms

Capacitance Tolerance 1%
Voltage DC 50 VDC
Dielectric Withstanding Voltage 125 VDC
Temperature Range -55/+125°C

Temperature Coefficient COG

Capacitance Change with Reference to +25°C and 0 VDC Applied 30 ppm/C, 1kHz

(TCC) 1.0Vrms

Dissipation Factor 0.1% 1 kHz 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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