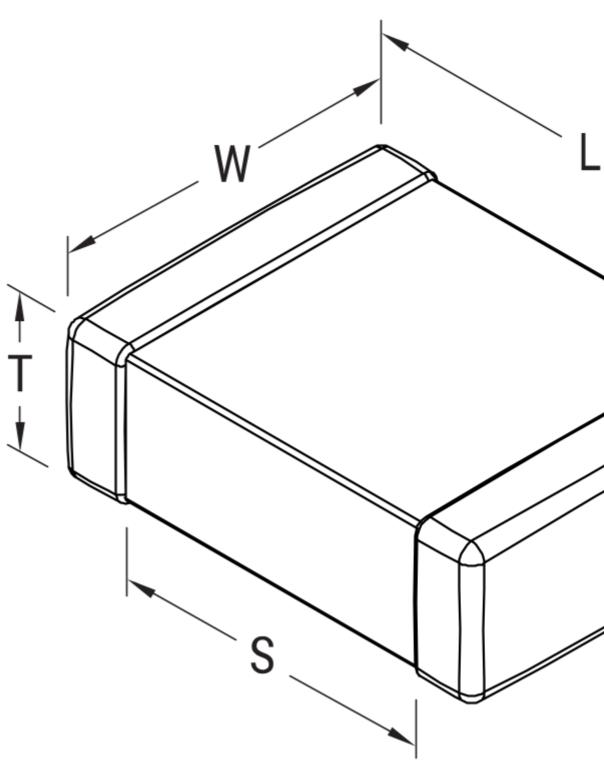
C0805H100FCGACTU

Aliases (C0805H100FCGAC7800)

SMD Indust C0G HVHT200C, Ceramic, 10 pF, 1%, 500 VDC, C0G, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 0805



Click here for the 3D model.

Dimensions

Chip Size 0805

L 2mm +/-0.2mm

Dimensions

W 1.25mm +/-0.2mm T 1.25mm +/-0.15mm

S 0.75mm MIN

B 0.5mm +/-0.25mm

Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 2500

General Information

Series SMD Indust C0G HVHT200C

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 14 mg
Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 10 pF

Measurement Condition 1 MHz 1.0Vrms

Capacitance Tolerance 1%

Voltage DC 500 VDC

Dielectric Withstanding Voltage 750 VDC

Temperature Range -55/+200°C

Temperature Coefficient COG

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

Applied (TCC) 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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