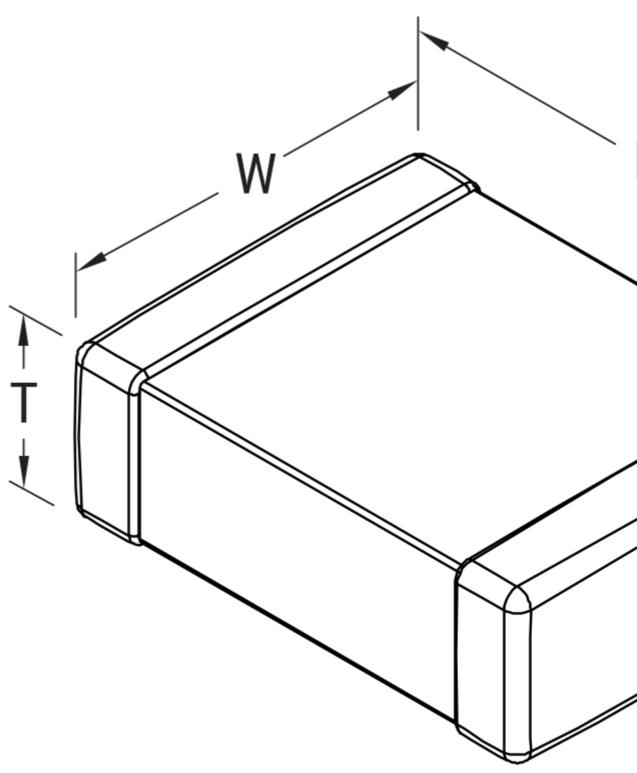
C2225X101JDGACAUTO

SMD Auto C0G HV Flex, Ceramic, 100 pF, 5%, 1000 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 2225



Click here for the 3D model.

Dimensions

Chip Size 2225

Dimensions

B 0.7mm +/-0.35mm

Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 1000

General Information

Series SMD Auto C0G HV Flex

Style SMD Chip

Description SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade

Features FT-CAP, Ultra-Stable, Automotive Grade

RoHS Yes

Termination Flexible Termination

Marking No

Qualifications AEC-Q200

AEC-Q200 Yes

Component Weight 370 mg
Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 100 pF

Measurement Condition 1 MHz 1.0Vrms

Capacitance Tolerance 5%

Voltage DC 1000 VDC
Dielectric Withstanding Voltage 1200 VDC
Temperature Range -55/+125°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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