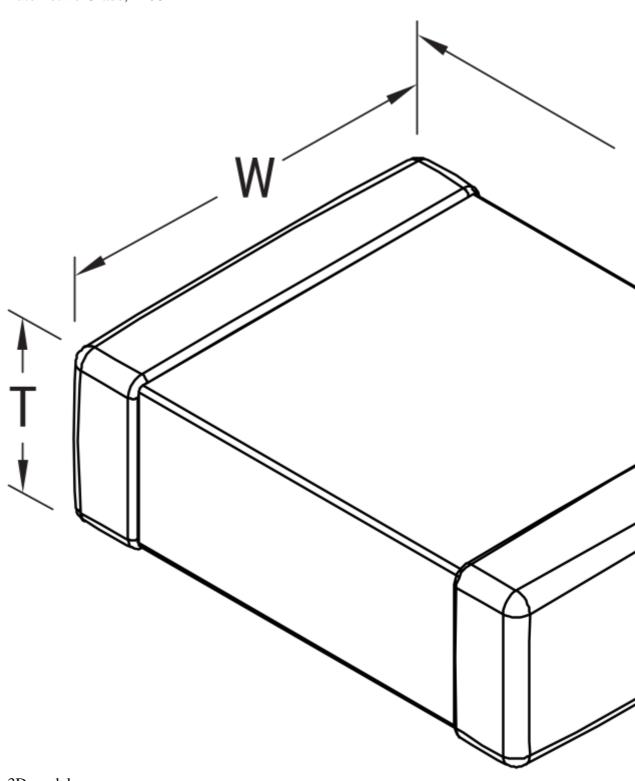
C1206C152J2GECAUTO

ESD SMD Auto C0G, Ceramic, 1500 pF, 5%, 200 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206



Click here for the 3D model.

Dimensions

Chip Size 1206

L 3.2mm +/-0.2mm W 1.6mm +/-0.2mm T 0.9mm +/-0.10mm

Dimensions

B 0.5mm +/-0.25mm

Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 4000

General Information

Series ESD SMD Auto C0G

Style SMD Chip

SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive

Description Grade

Features Temperature Stable, Automotive Grade

RoHS Yes
Termination Tin
Marking No

Qualifications AEC-Q200

AEC-Q200 Yes

Component

Weight 20 mg

Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 1500 pF

Measurement Condition 1 kHz 1.0Vrms

Capacitance Tolerance 5%

Voltage DC 200 VDC

ESD Level per AEC-Q200 16,000 V ESD Level

Dielectric Withstanding Voltage 500 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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