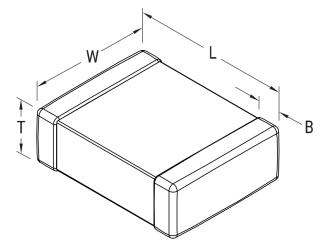


C2220Y103JDGACAUTO

SMD COG HV AUTO FF, Ceramic, 0.01 uF, 5%, 1000 VDC, COG, SMD, MLCC, Floating Electrode, Ultra-Stable, Automotive Grade, 2220



Click here for the 3D model.

Dimensions	
Chip Size	2220
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
Т	2mm +/-0.20mm
В	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

General Information	
Series	SMD COG HV AUTO FF
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Automotive Grade
Features	Floating Electrode, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	260 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 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 Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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