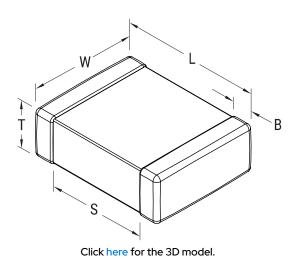


## C2225C103GCGACAUTO

SMD Auto COG HV, Ceramic, 0.01 uF, 2%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 2225, 3.2 mm





General Information	
Series	SMD Auto COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	370 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	2225
L	5.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	1.6mm +/-0.20mm
S	3.2mm MIN
В	0.6mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	2%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temp. 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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