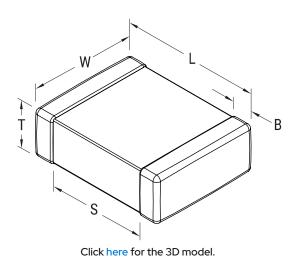




SMD Auto COG HV, Ceramic, 0.12 uF, 10%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 2225, 3.2 mm





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	390 mg
Shelf Life	78 Weeks
MSL	1

2225
5.6mm +/-0.4mm
6.4mm +/-0.4mm
2.5mm +/-0.20mm
3.2mm MIN
0.6mm +/-0.35mm

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

Specifications	
Capacitance	0.12 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	819 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	8.3333 GOhms

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