

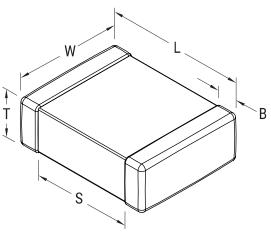
SMD Auto COG HV, Ceramic, 510 pF, 5%, 2,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1812, 2.3 mm

SMD Auto COG HV

SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive

SMD Chip





S	Features	Ultra-Stable, Low Loss, Automotive Grade
	RoHS	Yes
	Termination	Tin
	Marking	No
	Qualifications	AEC-Q200
Click here for the 3D model.	AEC-Q200	Yes
	Typical Component Weight	67 mg
	Shelf Life	78 Weeks
	MSL	1

**General Information** 

Series

Style Description

812
4.5mm +/-0.3mm
3.2mm +/-0.3mm
.4mm +/-0.15mm
2.3mm MIN
0.6mm +/-0.35mm
1

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

Specifications	
Capacitance	510 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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