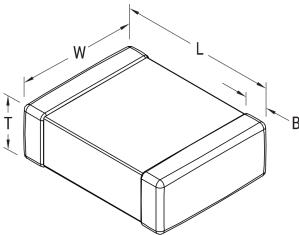


## C1812C822JBGACAUTO

SMD Auto COG HV, Ceramic, 8200 pF, 5%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1812



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	2.5mm +/-0.20mm
В	0.6mm +/-0.35mm

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

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	
Component Weight	87 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	8200 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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

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.