

## C1206C682JBGACAUTO

SMD Auto COG HV, Ceramic, 6800 pF, 5%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1206



Click here for the 3D model.

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.15mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	2000	

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	36 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	6800 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	819 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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