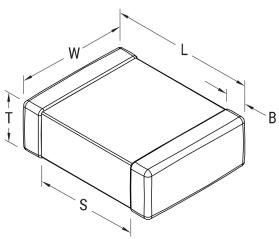


## C2824C272JGGACAUTO

SMD Auto COG HV, Ceramic, 2700 pF, 5%, 2000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 2824



Click here for the 3D model.

Dimensions	
Chip Size	2824
L	7.1mm +/-0.4mm
W	6.1mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	4.2mm MIN
В	1.27mm +/-0.4mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	750

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 false
Description  SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade  Features  Ultra-Stable, Low Loss, Automotive Grade  RoHS  Yes  Termination  Tin  Marking  false
Voltage, Automotive Grade  Features Ultra-Stable, Low Loss, Automotive Grade  RoHS Yes  Termination Tin  Marking false
RoHS Yes Termination Tin Marking false
Termination Tin Marking false
Marking false
Table 1
0 15 15 15
Qualifications AEC-Q200
AEC-Q200 Yes
Typical Component 290 mg
Shelf Life 78 Weeks
MSL 1

Specifications	
Capacitance	2700 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2400 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.