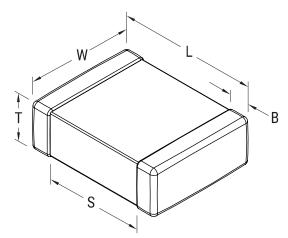


## C0603C271JAGACAUTO

SMD Auto COG, Ceramic, 270 pF, 5%, 250 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0603, 0.5 mm



Click here for the 3D model.

General Information	
Series	SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

Chip Size 0603	
L 1.6mm +/-0.15mm	
W 0.8mm +/-0.15mm	
T 0.8mm +/-0.07mm	
S 0.5mm MIN	
B 0.35mm +/-0.15mm	

## **Packaging Specifications**

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	270 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 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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