

C0603X472K1GECAUTO

ESD SMD Auto COG, Ceramic, 4700 pF, 10%, 100 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.58mm MIN
В	0.45mm +/-0.15mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Paper Tape 4000

General Information	
Series	ESD SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	4700 pF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	100 VDC		
ESD Level per AEC-Q200	16,000 V ESD Level		
Dielectric Withstanding Voltage	250 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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