

C0805C223F3GECAUTO

ESD SMD Auto COG, Ceramic, 0.022 uF, 1%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805   L 2mm +/-0.2mm   W 1.25mm +/-0.2mm   T 1.1mm +/-0.10mm   S 0.75mm MIN   B 0.5mm +/-0.25mm
W 1.25mm +/-0.2mm   T 1.1mm +/-0.10mm   S 0.75mm MIN
T 1.1mm +/-0.10mm   S 0.75mm MIN
S 0.75mm MIN
B 0.5mm +/-0.25mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

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	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

Specifications		
Capacitance	0.022 uF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	1%	
Voltage DC	25 VDC	
ESD Level per AEC-Q200	25,000 V ESD Level	
Dielectric Withstanding Voltage	62.5 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	45.4545 GOhms	

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