

C1206C473F1GECAUTO

ESD SMD Auto COG, Ceramic, 0.047 uF, 1%, 100 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206



Click here for the 3D model.

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
т	1.6mm +/-0.20mm
В	0.5mm +/-0.25mm

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

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	36 mg
Shelf Life	78 Weeks
MSL	1

Specifications				
Capacitance	0.047 uF			
Measurement Condition	1 kHz 1.0Vrms			
Capacitance Tolerance	1%			
Voltage DC	100 VDC			
ESD Level per AEC-Q200	25,000 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	21.2766 GOhms			

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