

C1206C472F1GACAUTO

SMD Auto COG, Ceramic, 4700 pF, 1%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1206



Click here for the 3D model.

Dimensions		
Chip Size	1206	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	0.9mm +/-0.10mm	
В	0.5mm +/-0.25mm	

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

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
Component Weight	20 mg
Shelf Life	78 Weeks
MSL	1

Specifications				
Capacitance	4700 pF			
Measurement Condition	1 kHz 1.0Vrms			
Capacitance Tolerance	1%			
Voltage DC	100 VDC			
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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