

C1206C103F1GAC

SMD Comm COG, Ceramic, 0.01 uF, 1%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



Click here for the 3D model.

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	0.78mm +/-0.10mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1	

General Information	
Series	SMD Comm COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	15 mg
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	0.01 uF		
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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