KEMET Part Number: C1206C682J3GAL



SMD Comm COG SnPb, Ceramic, 6800 pF, 5%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



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 C0G SnPb	
Style:	SMD Chip	
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Features:	Ultra-Stable, Low Loss, Class I	
RoHS:	No	
Prop 65: SCIP Number:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. 5549986b-60cf-4a2a-	
Termination:	afbb-4ad1d7a11dcb Lead (SnPb)	
Marking:	No	
AEC-Q200:	No	
Component Weight:	15 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	6800 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
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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