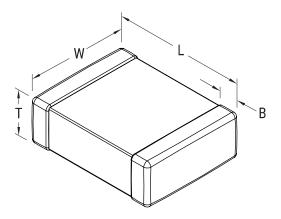
## KEMET Part Number: C1206C829D2GALTU

(C1206C829D2GAL7800)



SMD Comm C0G SnPb, Ceramic, 8.2 pF, +/-0.5 pF, 200 VDC, C0G, 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:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	4000	

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-afbb-4ad1d7a11dcb	
Termination:	Lead (SnPb)	
Marking:	No	
AEC-Q200:	No	
Component Weight:	15 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	8.2 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	+/-0.5 pF
Voltage DC:	200 VDC
Dielectric Withstanding Voltage:	500 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor:	0.1% 1 MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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