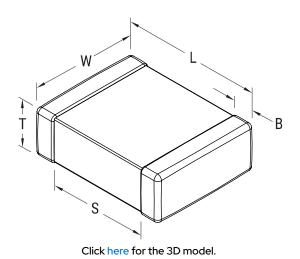


C0603C302K5GACTU

Aliases (C0603C302K5GAC7867) SMD Comm COG, Ceramic, 3,000 pF, 10%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603, 0.5 mm



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	
Typical Component Weight	3.7 mg	
Shelf Life	78 Weeks	
MSL	1	

3,000 pF

100 GOhms

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm

L	1.6mm +/-0.15mm	Measurement Condition	1 kHz 1.0Vrms
W	0.8mm +/-0.15mm	Tolerance	10%
Т	0.8mm +/-0.07mm	Voltage DC	50 VDC
S	0.5mm MIN	Dielectric Withstanding Voltage	125 VDC
В	0.35mm +/-0.15mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity	4000	Dissipation Factor	0.1% 1 kHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour

Insulation Resistance

Specifications

Capacitance

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us
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