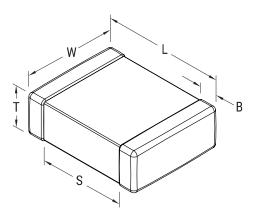
## **KEMET Part Number: C0402C271F3GALTU**

(C0402C271F3GAL7867)



SMD Comm COG SnPb, Ceramic, 270 pF, 1%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402



Dimensions		
Chip Size	0402	
L	1mm +/-0.05mm	
W	0.5mm +/-0.05mm	
Т	0.5mm +/-0.05mm	
S	0.3mm MIN	
В	0.3mm +/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	10000	

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:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov.	
SCIP Number:	afbb-4ad1d7a11dcb	
Termination:	Lead (SnPb)	
Marking:	No	
AEC-Q200:	No	
Component Weight:	1060 ug	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	270 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	1%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	COG
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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