

## C0603C271F5GALTU

Aliases (C0603C271F5GAL7867)

SMD Comm COG SnPb, Ceramic, 270 pF, 1%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications		
Packaging	T&R, 180mm, Paper Tape	
Packaging Quantity	4000	

General Information	1
Series	SMD Comm COG 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 - http://www.p65warnings.ca.gov.
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	270 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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 1.0 Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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