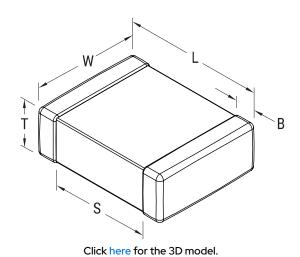


C0603X270F5GACTU

Aliases (CO603X270F5GAC7867) SMD Comm COG Flex, Ceramic, 27 pF, 1%, 50 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 0603, 0.4 mm



General Information		
Series	SMD Comm COG Flex	
Style	SMD Chip	
Description	SMD, MLCC, FT-CAP, Ultra- Stable	
Features	FT-CAP, Ultra-Stable	
RoHS	Yes	
Termination	Flexible Termination	
Marking	No	
AEC-Q200	No	
Typical Component Weight	4.6 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications	
0603	Capacitance	27 pF
1.6mm +/-0.17mm	Measurement Condition	1 MHz 1.0Vrms
	Tolerance	1%
	Voltage DC	50 VDC
0.4mm MIN	Dielectric Withstanding Voltage	125 VDC
0.45mm +/-0.15mm	Temperature Range	-55/+125°C
	Temp. Coefficient	COG
	Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	
4000	Dissipation Factor	0.1% 1 MHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour

Aging Rate 0% Loss/Decad Insulation Resistance 100 GOhms

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 with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Dimensions

Packaging Specifications

Packaging Quantity

Chip Size

L

W Т

s

В

Packaging