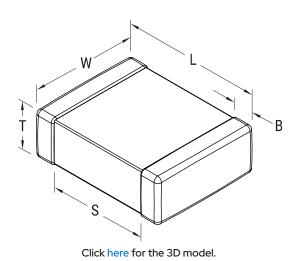


C0603X102K5GACTU

Aliases (C0603X102K5GAC7867) SMD Comm COG Flex, Ceramic, 1,000 pF, 10%, 50 VDC, C0G, 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

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.4mm MIN
В	0.45mm +/-0.15mm

Packaging Quantity

W	0.8mm +/-0.15mm	Tolerance
Т	0.8mm +/-0.15mm	Voltage DC
S	0.4mm MIN	Dielectric Wit
В	0.45mm +/-0.15mm	Temperature
		Temp. Coeffi
Packaging Specifications		Capacitance
Packaging	T&R, 180mm, Paper Tape	Reference to

4000

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. 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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