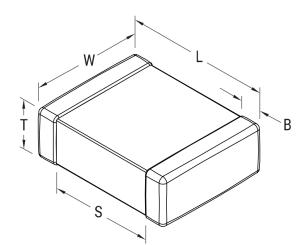


C0603X102M1GECTU

Aliases (C0603X102M1GEC7867)

ESD SMD Comm COG, Ceramic, 1000 pF, 20%, 100 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



Click here for the 3D model.

0603
1.6mm +/-0.17mm
0.8mm +/-0.15mm
0.8mm +/-0.15mm
0.58mm MIN
0.45mm +/-0.15mm

Packaging Specifications Packaging T&R Packaging Quantity 400

T&R, 180mm, Paper Tape 4000

General Information	
Series	ESD SMD Comm COG
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I
Features	Temperature Stable, Low ESR, Class I
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1000 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	100 VDC
ESD Level per AEC-Q200	6,000 V ESD Level
Dielectric Withstanding Voltage	250 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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