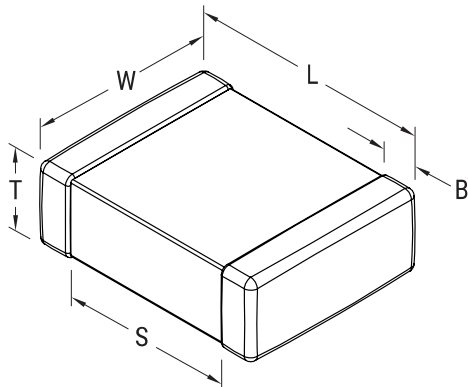


KEMET Part Number: C0603C102J3GECTU
(C0603C102J3GEC7867)

ESD SMD Comm C0G, Ceramic, Electro Static Discharge, 1000 pF, 5%, 25 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



Dimensions

L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications

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

General Information

Supplier:	KEMET
Series:	ESD SMD Comm C0G
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I
Features:	Temperature Stable, Low ESR, Class I
RoHS:	Yes
Termination:	Tin
Marking:	No
Chip Size:	0603

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage DC:	25 VDC
ESD Level per AEC-Q200:	6,000 V ESD Level
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms