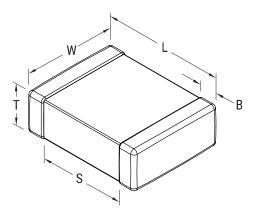
## KEMET Part Number: C0603C102K1GECTU

(C0603C102K1GEC7867)



ESD SMD Comm COG, Ceramic, Electro Static Discharge, 1000 pF, 10%, 100 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



Dimensions	
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	
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:	10%	
Voltage DC:	100 VDC	
ESD Level per AEC-Q200:	6,000 V ESD Level	
Dielectric Withstanding Voltage:	250 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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