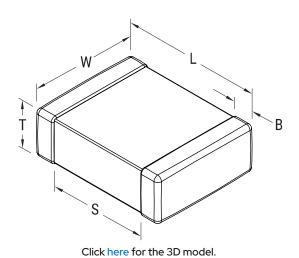


C0805X102K2GEC

ESD SMD Comm C0G, Ceramic, 1,000 pF, 10%, 200 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805, 0.6



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
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

0805
2mm +/-0.3mm
1.25mm +/-0.3mm
0.9mm +/-0.10mm
0.6mm MIN
0.5mm +/-0.25mm
1

	,		
W	1.25mm +/-0.3mm	Tolerance	10%
Т	0.9mm +/-0.10mm	Voltage DC	200 VDC
S	0.6mm MIN	ESD Level per AEC-Q200	8,000 V ESD Level
В	0.5mm +/-0.25mm	Dielectric Withstanding Voltage	500 VDC
		Temperature Range	-55/+125°C
Packaging Specifications		Temp. Coefficient	COG
Packaging	Bulk, Bag	Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
Packaging Quantity	1	Reference to +25°C and 0 VDC Applied (TCC)	, . 3
		Dissipation Factor	0.1% 1 MHz 1.0Vrms

Specifications

 Capacitance	1,000 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	200 VDC
ESD Level per AEC-Q200	8,000 V ESD Level
Dielectric Withstanding Voltage	500 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

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.

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