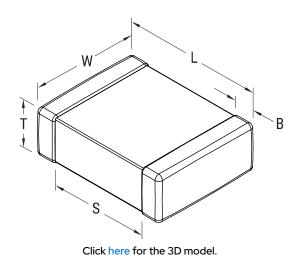


C0603C222K3GECTU

Aliases (C0603C222K3GEC7867)

ESD SMD Comm COG, Ceramic, 2,200 pF, 10%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603, 0.5 mm



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	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

0603
1.6mm +/-0.15mm
0.8mm +/-0.15mm
0.8mm +/-0.07mm
0.5mm MIN
0.35mm +/-0.15mm

T	0.8mm +/-0.07mm	Voltage DC	25 VDC	
S	0.5mm MIN	ESD Level per AEC-Q200	12,000 V ESD Level	
В	0.35mm +/-0.15mm	Dielectric Withstanding Voltage	62.5 VDC	
		Temperature Range	-55/+125°C	
Packaging Specifications		Temp. Coefficient	COG	
Packaging	T&R, 180mm, Paper Tape	Capacitance Change with 30 ppm/C, 1kHz	30 ppm/C, 1kHz 1.0Vrms	
Packaging Quantity	4000	Reference to +25°Č and 0 VDC Applied (TCC)		
		Dissipation Footon	0.10/ 11-11-1-01/	

Specifications	
Capacitance	2,200 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
ESD Level per AEC-Q200	12,000 V ESD Level
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 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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