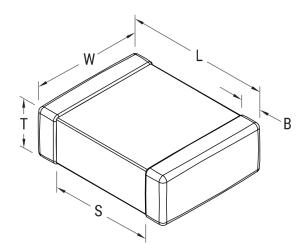


C0805C223F5GECTU

Aliases (C0805C223F5GEC7800)

ESD SMD Comm COG, Ceramic, 0.022 uF, 1%, 50 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.1mm +/-0.10mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

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
Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

Specifications		
Capacitance	0.022 uF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	1%	
Voltage DC	50 VDC	
ESD Level per AEC-Q200	25,000 V ESD Level	
Dielectric Withstanding Voltage	125 VDC	
Temperature Range	-55/+125°C	
Temperature 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	45.4545 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.