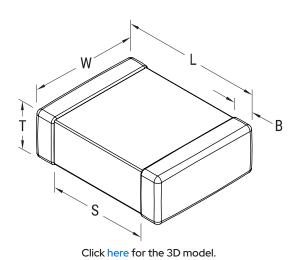




ESD SMD Comm COG, Ceramic, 4,700 pF, 1%, 50 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805, 0.6 mm



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	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.9mm +/-0.10mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

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В	0.5mm +/-0.25mm
S	0.6mm MIN
Т	0.9mm +/-0.10mm
W	1.25mm +/-0.3mm
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Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1

Specifications	
Capacitance	4,700 pF
Measurement Condition	1 kHz 1.0Vrms
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
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
Dielectric Withstanding Voltage Temperature Range Temp. Coefficient Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate	125 VDC -55/+125°C COG 30 ppm/C, 1kHz 1.0Vrms 0.1% 1 kHz 1.0Vrms 0% Loss/Decade Hour

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