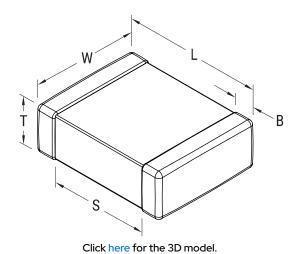


## C1206C511FFGACTU

Aliases (C1206C511FFGAC7800) SMD Comm COG HV, Ceramic, 510 pF, 1%, 1,500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206, 1.5 mm



General Information		
Series	SMD Comm COG HV	
Style	SMD Chip	
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Features	Ultra-Stable, Low Loss, Class I	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	36 mg	
Shelf Life	78 Weeks	
MSL	1	

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.6mm +/-0.15mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

VV	1.6mm +/-0.2mm	roierance
Т	1.6mm +/-0.15mm	Voltage DC
S	1.5mm MIN	Dielectric With
В	0.5mm +/-0.25mm	Temperature F
		Temp. Coeffic
Packaging Specifications		Capacitance C
Packaging	T&R, 180mm, Plastic Tape	Reference to

2000

Packaging Quantity

Specifications	
Capacitance	510 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	1%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1,800 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

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