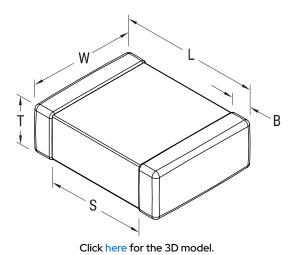


C1210C511MATACTU

Aliases (C1210C511MATAC7800)

SMD Comm X8G HT150C, Ceramic, 510 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1210, 1.5 mm



General Information		
Series	SMD Comm X8G HT150C	
Style	SMD Chip	
Description	SMD, MLCC, High Temperature, Ultra-Stable	
Features	High Temperature, Ultra-Stable	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	30 mg	
Shelf Life	78 Weeks	
MSL	1	

510 pF

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

_	3.211111 - 7 0.2111111		
W	2.5mm +/-0.2mm		
Т	0.78mm +/-0.10mm		
S	1.5mm MIN		
В	0.5mm +/-0.25mm		
Packaging Specifications			

	3.2mm +/-0.2mm	Measurement Condition	1 MHz 1.0Vrms	
	2.5mm +/-0.2mm	Tolerance	20%	
	0.78mm +/-0.10mm	Voltage DC	250 VDC	
	1.5mm MIN	Dielectric Withstanding Voltage	625 VDC	
	0.5mm +/-0.25mm	Temperature Range	-55/+150°C	
		Temp. Coefficient	X8G	
ing Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms	
ng	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	., , , , ,	
ng Quantity 4000	Dissipation Factor	0.1% 1 MHz 1.0Vrms		
	Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours		

Specifications

Capacitance

S	1.5mm MIN	Dielectric Withstanding Voltage	625 VDC
В	0.5mm +/-0.25mm	Temperature Range	-55/+150°C
		Temp. Coefficient	X8G
Packaging Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	., , .
Packaging Quantity 4000	4000	Dissipation Factor	0.1% 1 MHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours	
		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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