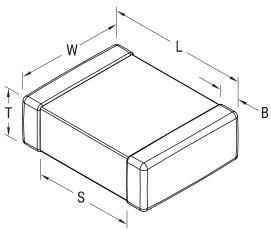


## C0603C508CATAC7411

**General Information** 

SMD Comm X8G HT150C, Ceramic, 0.5 pF, +/-0.25 pF, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0603, 0.5 mm





	MSL	1
	Shelf Life	78 Weeks
	Typical Component Weight	3.7 mg
	AEC-Q200	No
	Marking	No
	Termination	Tin
	RoHS	Yes
В	Features	High Temperature, Ultra-Stable
	Description	SMD, MLCC, High Temperature, Ultra-Stable
	Style	SMD Chip
	Series	SMD Comm X8G HT150C

Dimensions		
Chip Size	0603	
L	1.6mm +/-0.15mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.07mm	
S	0.5mm MIN	
В	0.35mm +/-0.15mm	
В	0.35mm +/-0.15mm	

Click here for the 3D model.

Packaging Specifications	
Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	15000

Specifications	
Capacitance	0.5 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.25 pF
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
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: 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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