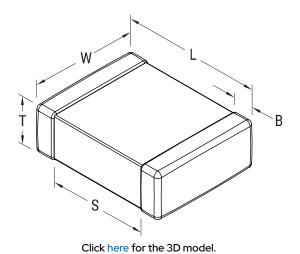


C0805C302M2TACTU

Aliases (C0805C302M2TAC7800)

SMD Comm X8G HT150C, Ceramic, 3,000 pF, 20%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.7 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	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm
Ь	0.511111 +/ -0.2511111

4000

Packaging Quantity

	•		
W	1.25mm +/-0.2mm	Tolerance	20%
Т	0.78mm +/-0.10mm	Voltage DC	200 VE
S	0.7mm MIN	Dielectric Withstanding Voltage	500 VE
В	0.5mm +/-0.25mm	Temperature Range	-55/+15
		Temp. Coefficient	X8G
Packaging Specifications		Capacitance Change with	30 ppn
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	

Specifications	
Capacitance	3,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
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: 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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