

1. Device Name Crystal Resonator
2. Model Name DSX321G
3. Nominal Frequency 12.000 MHz
4. Device Summary
Mass 0.018 g max.

RoHS Compliant

MSL = 1

5. Electrical Characteristics

Item	Limits			unit	Conditions	Notes
	min.	Typ.	max.			
Mode of Vibration	AT-cut fundamental					
Load Capacitance	-	8	-	pF		
Drive Level	-	10	200	uW		
Series Resistance	-	-	120	Ω		
Frequency Tolerance	-30	-	30	ppm	T _A = 25 °C	
Frequency Characteristics Over Temperature	-100	-	100	ppm	T _A = -40 ~ 105 °C	
Operating Temperature Range	-40	-	105	°C		
Storage Temperature Range	-40	-	125	°C		
Shunt Capacitance(C0)	-	-	2	pF		
Insulation Resistance	500	-	-	MΩ		

6. DIMENSIONS AND MARKING

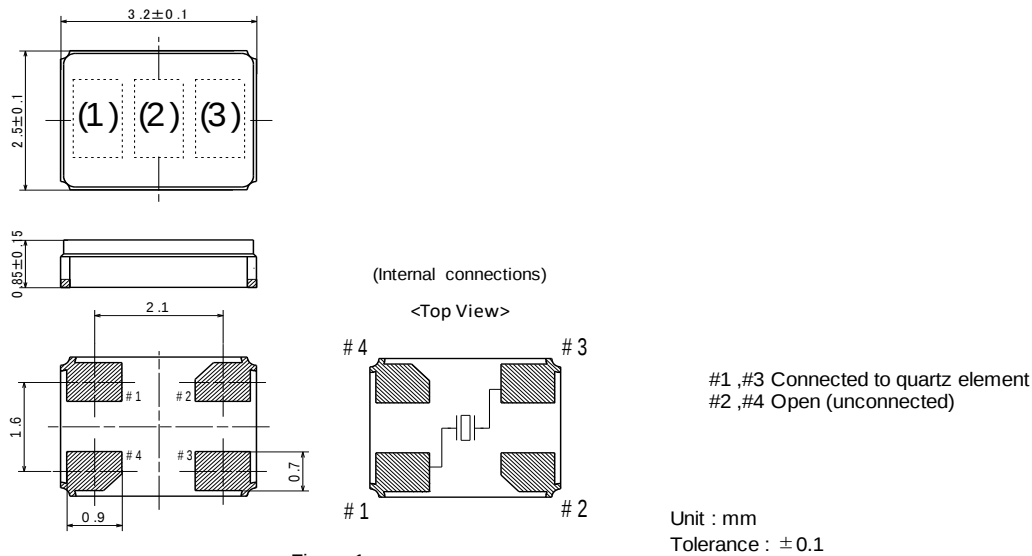


Figure-1

Marking
(1) Logo : D
(2) Nominal Frequency : 12
(3) Manufacturing lot No. : Year (1digit) +Week (2digits)
ex. 2025/01/01 → 501

A manufacturing site mark may be added.

TITLE DSX321G TYPE SPECIFICATION	REMARK P2025-2974		
DATE 2025/11/20	SPEC. No.	REV.	PAGE 1 / 1