

1. Device Name

Crystal Resonator
2. Model Name

DSX211SH
3. Nominal Frequency

24.000

MHz
4. Device Summary

Mass

0.006

g max.

Pb-free

Yes

RoHS Compliant
- MSL

=

1

AEC-Q200 Compliant

5. Electrical Characteristics

Item	Limits			unit	Conditions	Notes
	min.	Typ.	max.			
Mode of Vibration	AT-cut fundamental					
Load Capacitance	-	8	-	pF		
Drive Level	-	100	200	uW		
Series Resistance	-	-	50	Ω		
Frequency Tolerance	-10	-	10	ppm	T _A = 25 °C	
Frequency Characteristics Over Temperature	-20	-	20	ppm	T _A = -40 ~ 105 °C	
Aging(ref. +25 deg.C)	-3	-	3	ppm	1 year	
Operating Temperature Range	-40	-	105	°C		
Storage Temperature Range	-40	-	150	°C		
Shunt Capacitance(C0)	-	-	2	pF		
Insulation Resistance	500	-	-	MΩ		

6. DIMENSIONS AND MARKING

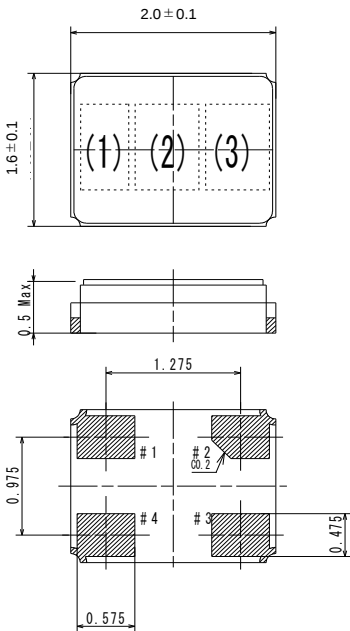
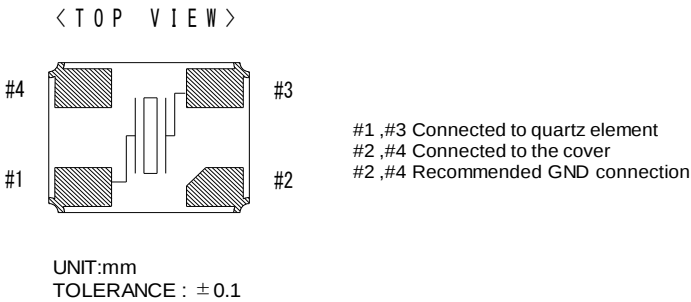


Figure-1



Marking
(1) Logo : D
(2) Nominal Frequency : 24
(3) Manufacturing lot No. : Year (1digit) +Week (2digits)
ex. 2025/01/01 → 501

A manufacturing site mark may be added.

TITLE DSX211SH TYPE SPECIFICATION	REMARK P2025-2144		
DATE 2025/10/27	SPEC. No. 7AF02400A5N	REV.	PAGE 1 / 1