

1. Device Name Crystal Resonator
 2. Model Name DSX211SH
 3. Nominal Frequency 20.000 MHz
 4. Device Summary

Mass	0.006	g max.
Pb-free	Yes	
	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	100	uW		
Series Resistance	-	-	100	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

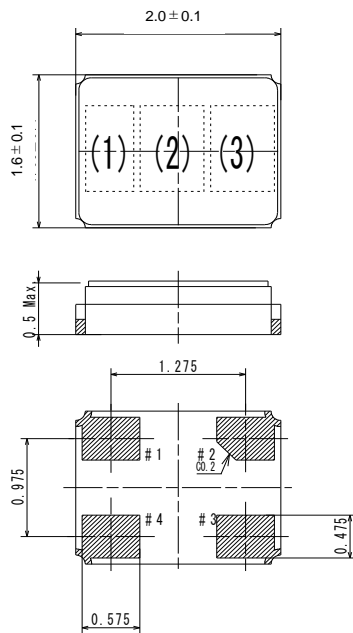
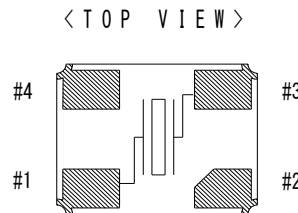


Figure-1



UNIT:mm
TOLERANCE : ±0.1

- #1, #3 Connected to quartz element
- #2, #4 Connected to the cover
- #2, #4 Recommended GND connection

Marking

- (1) Logo : D
- (2) Nominal Frequency : 20
- (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 P2025-2976		
DATE 2025/11/20	SPEC. No.	REV.	PAGE 1 / 1