

1. Device Name Crystal Resonator
 2. Model Name DSX211S
 3. Nominal Frequency 96.000 MHz
 4. Device Summary

Mass	0.007	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	-	100	400	uW		
Series Resistance	8	-	20	Ω		
Frequency Tolerance	-12	-	12	ppm	T _A = 25 °C	
Frequency Characteristics Over Temperature (Including Aging 5 years ref.+25 deg.C, Frequency Perturbation)	-16	-	16	ppm	T _A = -40 ~ 105 °C	
Frequency Drift After Reflow	-2	-	2	ppm	(Reflow 2 times)	
Operating Temperature Range	-40	-	105	°C		
Storage Temperature Range	-40	-	105	°C		
Shunt Capacitance(C0)	0.5	0.7	1.0	pF		
Motional Capacitance(C1)	2.0	2.5	4.2	fF		
Motional Inductance(L1)	0.5	1.0	1.2	mH		
Insulation Resistance	500	-	-	MΩ		
Spurious Mode Series Resistance	1100	-	-	Ω	F0±0.7MHz	

6. DIMENSIONS AND MARKING

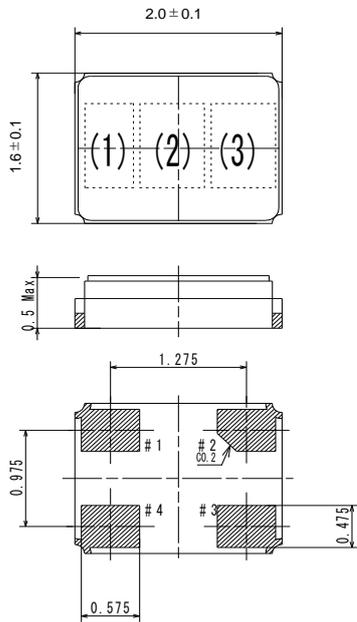
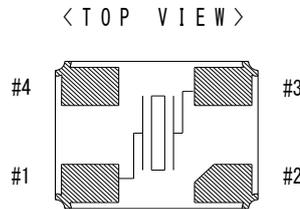


Figure-1



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

UNIT:mm
 TOLERANCE : ±0.1

Marking

- (1) Logo : D
- (2) Nominal Frequency : 96
- (3) Manufacturing lot No. : Year (1digit) +Week (2digits)
 ex. 2026/01/01 → 601

A manufacturing site mark may be added.

TITLE DSX211S TYPE SPECIFICATION	REMARK P2026-0511		
DATE 2026/3/2	SPEC. No. 7AF09600A0D	REV.	PAGE 1 / 1