



# HSX111SA SERIES

SEAM SEALING PACKAGE

☑ RoHS Compliant ☑ Pb Free



## STANDARD SPECIFICATION

Items	Parameter		
Frequency Range	24~32MHz	33~52MHz	80MHz, 96MHz
Mode	Fundamental		
Frequency Tolerance (at.25°C)	±7ppm		±10ppm
Load Capacitance	4pF Min.		7pF Min.
Drive Level	10μW (300μW Max.)		10μW (200μW Max.)
Equivalent Series Resistance	100Ω Max.	50Ω Max.	50Ω Max.
Storage Temp. Range	-55 ~ +125°C		

## FREQUENCY STABILITY OVER OPERATING TEMPERATURE RANGE

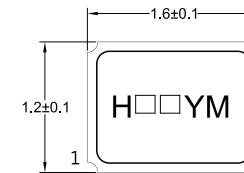
Operating Temperature	Stability
-30 ~ +85°C	±10 ppm
-40 ~ +105°C	±20 ppm
-40 ~ +125°C	±40 ppm

\*For other specification, please contact us.

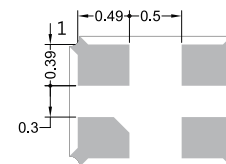
Packing Unit : 3,000pcs/Reel.

## DIMENSION

Unit:mm

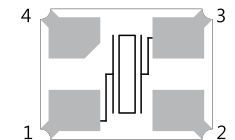


### Bottom View

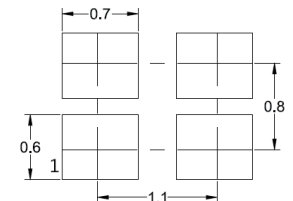


Pin Connections	
#1	Crystal
#2	GND/Lid
#3	Crystal
#4	NC

### Internal Connection (Top View)



### Recommended Land Pattern Tolerance: ±0.1



Actual Size □