

**HSX221SA SERIES****SEAM SEALING PACKAGE**

☒ RoHS Compliant
 ☒ Pb Free

**STANDARD SPECIFICATION**

Items	Parameter		
Frequency Range	12~24MHz	24~30MHz	30~60MHz
Mode	Fundamental		
Frequency Tolerance (at.25°C)	$\pm 7\text{ppm} \sim \pm 10\text{ppm}$		
Load Capacitance	4pF Min.		
Drive Level	10 μ W (300 μ W Max.)		
Equivalent Series Resistance	120 Ω Max.	50 Ω Max.	40 Ω Max.
Storage Temp. Range	$-55 \sim +125^{\circ}\text{C}$		

FREQUENCY STABILITY OVER OPERATING TEMPERATURE RANGE

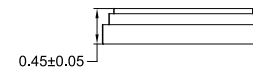
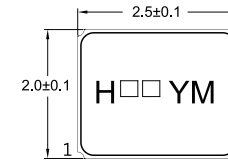
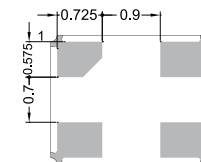
Operating Temperature	Stability
$-30 \sim +85^{\circ}\text{C}$	$\pm 10 \text{ ppm}$
$-40 \sim +105^{\circ}\text{C}$	$\pm 20 \text{ ppm}$
$-40 \sim +125^{\circ}\text{C}$	$\pm 50 \text{ ppm}$

*For other specification, please contact us.

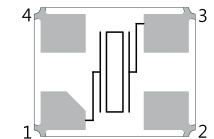
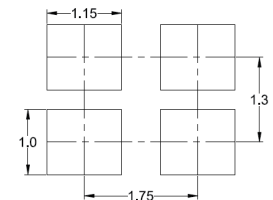
Packing Unit : 3,000pcs/Reel.

DIMENSION

Unit:mm

**Bottom View**

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

Internal Connection (Top View)**Recommended Land Pattern
Tolerance: ± 0.1** 

Actual Size ☐

单击下面可查看定价，库存，交付和生命周期等信息

[>>HELE\(加高\)](#)