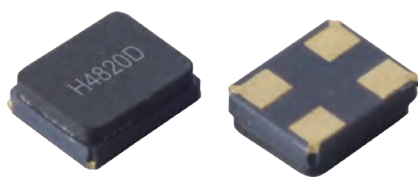




# CRYSTAL RESONATOR

## Glass Sealing Package

### HSX221G Series

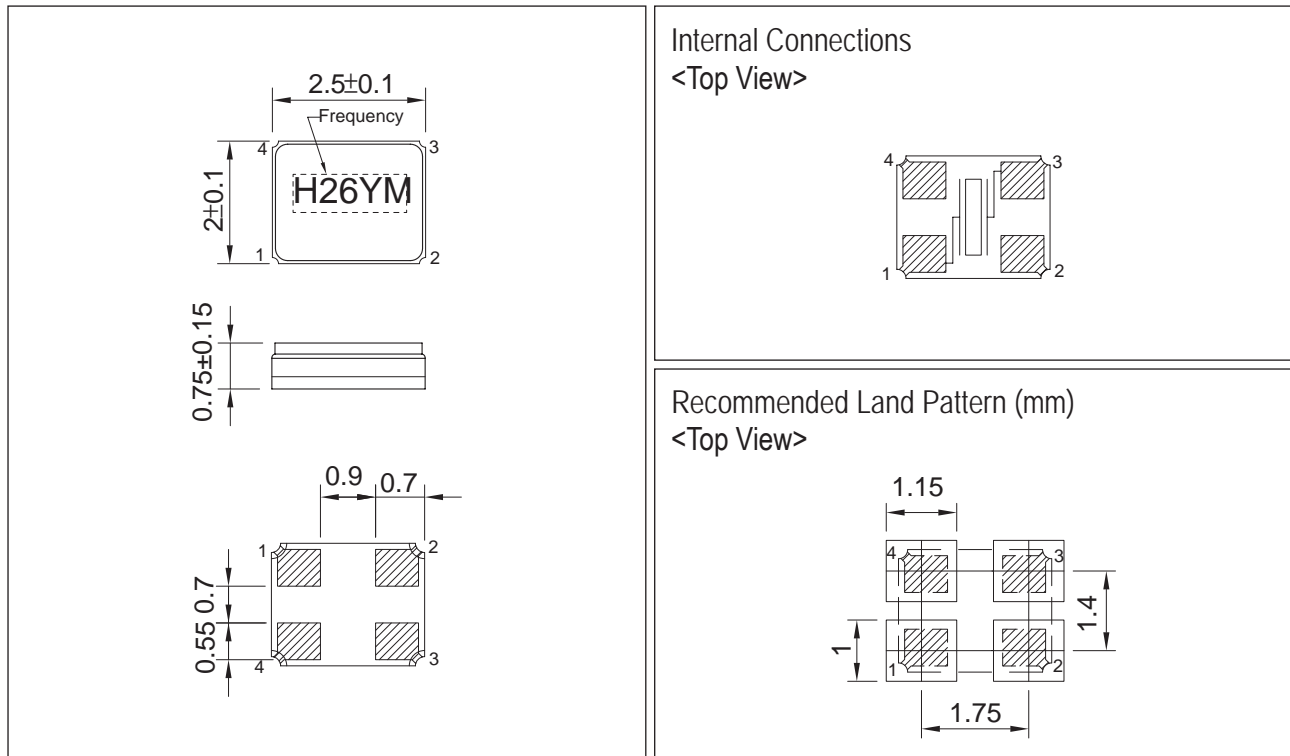


#### Features:

- Miniature SMD type crystal device.
- High precision and reliability with excellent heat resistance.
- Common solution for non-RF applications with limited design space such wireless controller devices and other portable consumer products.



#### Dimension (mm):



#### Standard Specification:

ITEM	TYPE	HSX221G			
		12MHz	12~16MHz	20~30MHz	54MHz
Frequency Range		12MHz	12~16MHz	20~30MHz	54MHz
Mode		Fundamental			
Frequency Tolerance		±7ppm ~ ±50ppm (at. 25°C ) , or Specify			
Frequency Stability over Operating Temperature Range		±10ppm, ±15ppm, or Specify			
Operating Temperature		-10 ~ +60 °C , or Specify			
Load Capacitance		Series, 8pF, 10pF, 12pF, or Specify			
Drive Level		10µW (100µW Max.)			
Equivalent Series Resistance		300ΩMax.	150ΩMax.	100ΩMax.	80ΩMax.
Storage Temp. Range		-40 ~ +125°C			

\*Packing Unit: 3,000pcs/Reel.

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