

CRYSTAL RESONATOR

SMD TYPE

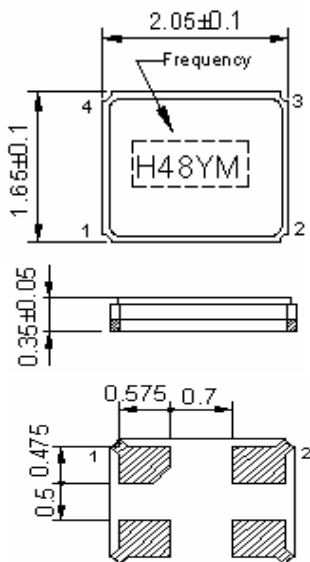
(RoHS Compliance) HSX211SA Series



Features:

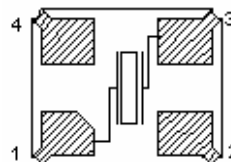
- Ultra-thin dimension with lowest height (2.05×1.65× 0.35).
- High precision and reliability with excellent heat resistance.
- Applications in mobile communication, short-range wireless module and small portable device such as PDA, DSC, DVC, PC and others.

Dimension (mm):



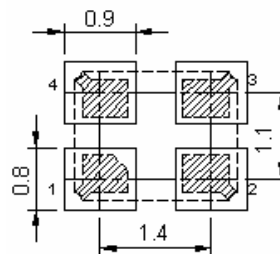
Internal Connections

<Top View>



Recommended Land Pattern (mm)

<Top View>



Standard Specification:

ITEM	TYPE	HSX211SA	
Frequency Range		26~30MHz	30~50MHz
Mode		Fundamental	
Load Capacitance		Series, 8pF, 10pF, 12pF, or Specify	
Drive Level		10 μW (100 μW Max.)	
Frequency Tolerance		±10ppm ~ ±50ppm (at. 25°C) , or Specify	
Equivalent Series Resistance		100 Ω Max.	80 Ω Max.
Frequency Stability (Temp.)		±7ppm / -10 ~ +60 °C (Ref. to 25°C)	
		±10ppm / -20 ~ +70 °C (Ref. to 25°C)	
		±15ppm / -30 ~ +85 °C (Ref. to 25°C)	
Operating Temp. Range		-10 ~ +60°C, or Specify	
Storage Temp. Range		-40 ~ +85°C	

*Packing Unit : 3,000pcs/Reel.