



CRYSTAL RESONATOR

Seam Sealed Ceramic Package

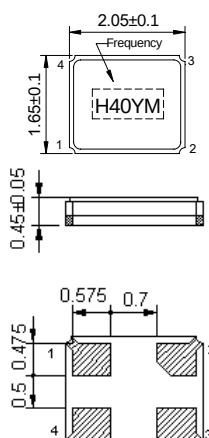
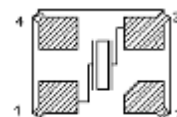
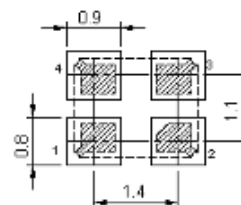
HSX211S Series



Features:

- Ultra miniature SMD type crystal device.
- High precision and reliability with excellent heat resistance.
- Optimal solution for smartphone applications with limited design space, miniaturized wireless module devices, RFID application, and other consumer based products.

Dimension (mm):

Internal Connections
<Top View>Recommended Land Pattern (mm)
<Top View>

Standard Specification:

ITEM	TYPE	HSX211S	
Frequency Range		16~30MHz	30~66MHz
Mode		Fundamental	
Frequency Tolerance		$\pm 7\text{ppm} \sim \pm 50\text{ppm}$ (at. 25°C) , or Specify	
Frequency Stability over Operating Temperature		$\pm 10\text{ppm}$, or Specify	
Operating Temperature		$-10 \sim +60^\circ\text{C}$, or Specify	
Load Capacitance		Series, 8pF, 10pF, 12pF, or Specify	
Drive Level		10 μW (100 μW Max.)	
Equivalent Series Resistance		100 Ω Max.	80 Ω Max.
Storage Temp. Range		$-40 \sim +125^\circ\text{C}$	

*Packing Unit : 3,000pcs/Reel.