

CRYSTAL RESONATORS

SMD TYPE

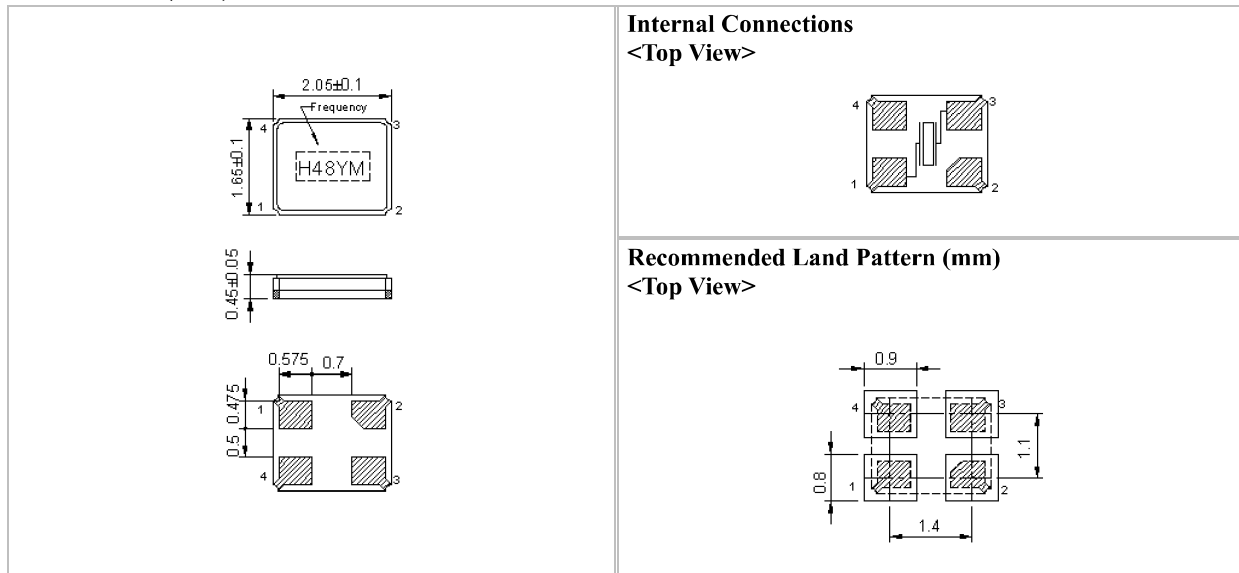
(RoHS Compliance) HSX211S Series



Features:

- Ultra miniature SMD type crystal device.
- 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):



Standard Specification:

ITEM	TYPE	HSX211S	
Frequency Range		20~30MHz	30~50MHz
Mode		Fundamental	
Load Capacitance		Series, 8pF, 10pF, 12pF, or Specify	
Drive Level		10 μ W (100 μ W Max.)	
Frequency Tolerance		\pm 10ppm ~ \pm 50ppm (at. 25 $^{\circ}$ C) , or Specify	
Equivalent Series Resistance		100 Ω Max.	80 Ω Max.
Frequency Stability (Temp.)		\pm 7ppm / -10 ~ +60 $^{\circ}$ C (Ref. to 25 $^{\circ}$ C)	
		\pm 10ppm / -20 ~ +70 $^{\circ}$ C (Ref. to 25 $^{\circ}$ C)	
		\pm 15ppm / -30 ~ +85 $^{\circ}$ C (Ref. to 25 $^{\circ}$ C)	
Operating Temp. Range		-10 ~ +60 $^{\circ}$ C, or Specify	
Storage Temp. Range		-40 ~ +85 $^{\circ}$ C	

*Packing Unit : 3,000pcs/Reel.