

CRYSTAL RESONATORS

SMD TYPE

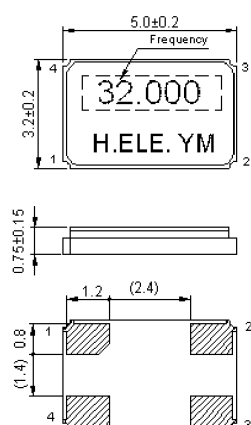
(RoHS Compliance) HSX531S Series



Features:

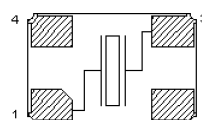
- Suitable for various applications, particularly mobile telecommunications equipment.
- High precision and reliability.

Dimension (mm):



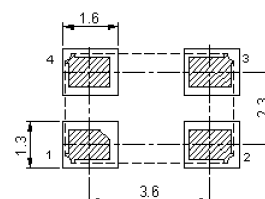
Internal Connections

<Top View>



Recommended Land Pattern (mm)

<Top View>



Standard Specification:

ITEM	TYPE	HSX531S			
Frequency Range		8 ~ 10 MHz	10 ~ 12 MHz	12 ~ 40 MHz	40 ~ 80 MHz
Mode		Fundamental			3 rd Overtone
Load Capacitance		Series, 8pF, 10pF, 12pF, 16pF or Specify			
Drive Level		10μW (300μW Max.)			
Frequency Tolerance		±10ppm , ±20ppm , ±30ppm (at. 25°C)			
Equivalent Series Resistance		150Ω Max.	80Ω Max.	50Ω Max.	70Ω Max.
Frequency Stability (Temp.)		±10ppm / -10 ~ +60 °C (Ref. to 25°C)			
		±15ppm / -20 ~ +70 °C (Ref. to 25°C)			
		±20ppm / -30 ~ +80 °C (Ref. to 25°C)			
Operating Temp. Range		-10 ~ +60°C			
Storage Temp. Range		-40 ~ +85°C			

*Packing Unit : 1,000pcs/Reel.