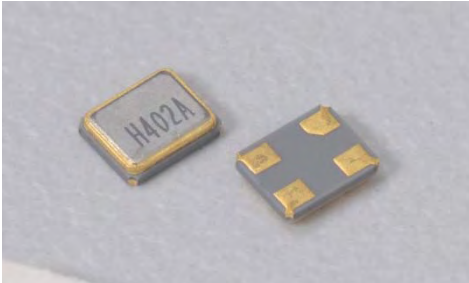


CRYSTAL RESONATOR

For Automotive Application

HSX211SK Series

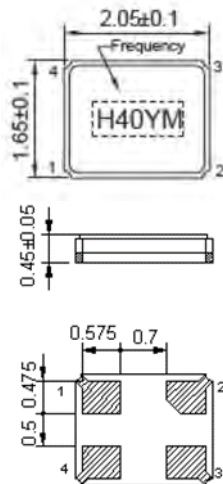
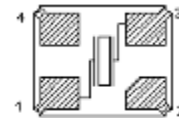
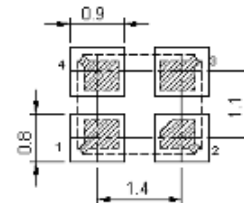


Features:

- Ultra miniature SMD type crystal device.
- High precision and reliability with excellent heat resistance.
- Available for Automotive applications such as tire pressure sensors, smart control wireless transfer, navigation applications, GPS, and multimedia devices.
- TS16949 Certified; AEC specification and IMDS registration available.

Dimension (mm):

Dimension (mm):

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

Standard Specification:

ITEM	TYPE	HSX211SK	
Frequency Range		20~30MHz	30~50MHz
Mode		Fundamental	
Frequency Tolerance		±10ppm ~ ±50ppm (at. 25°C) , or Specify	
Frequency Stability over Operating Temperature		±30ppm, ±50ppm or Specify	
Operating Temperature		-40 ~ +105 °C, or Specify	
Load Capacitance		Series, 8pF, 10pF, 12pF, or Specify	
Drive Level		10μW (100μW Max.)	
Equivalent Series Resistance		100ΩMax.	80ΩMax.
Storage Temp. Range		-40 ~ +125°C	

Packing Unit : 3,000pcs/Reel.