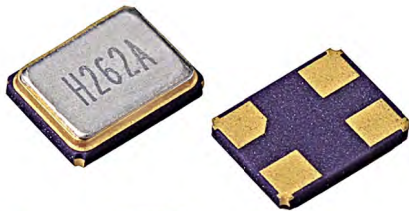


CRYSTAL RESONATOR

For Automotive Application

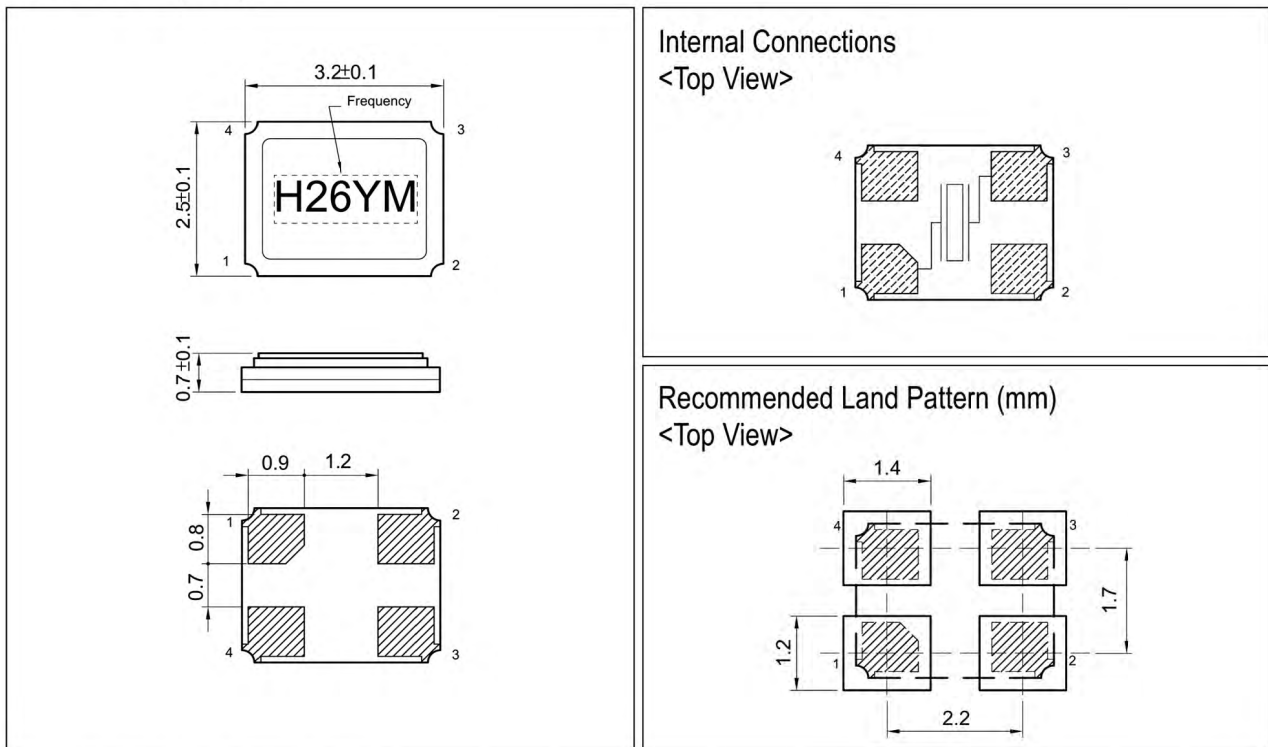
HSX321SK Series



Features:

- Mainstream Miniature and lightweight SMD crystal.
- 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):



Standard Specification:

ITEM	TYPE	HSX321SK		
Frequency Range		10~20MHz	20~30MHz	30~48MHz
Mode		Fundamental		
Frequency Tolerance		±10ppm ~ ±50ppm (at. 25°C)		
Frequency Stability over Operating Temperature Range		±20ppm, or Specify		
Operating Temperature		-40 ~ +85 °C , or Specify		
Load Capacitance		Series, 8pF, 10pF, 12pF or Specify		
Drive Level		10µW (100µW Max.)		
Equivalent Series Resistance		100ΩMax.	80ΩMax.	60ΩMax. 50ΩMax.
Storage Temp. Range		-40 ~ +125°C		

*Packing Unit: 3,000pcs/Reel.