

## CRYSTAL RESONATOR

SMD TYPE

RoHS  
Compliance

## HSX221SR Series



## Features:

- Realize high precision temperature compensation with a thermistor built-in.
- Reduce assembly space.
- High reliability with an apart bonding structure of the crystal unit and thermistor.
- Works well for Smartphone, 3G handsets, and other mobile device.

## Dimension (mm):

	<p><b>Internal Connections</b> &lt;Top View&gt;</p> <p><b>Recommended Land Pattern (mm)</b> &lt;Top View&gt;</p>
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## Standard Specification:

ITEM	TYPE	HSX221SR	
Nominal Frequency		19.2MHz	26MHz
Mode		Fundamental	
Load Capacitance		7pF, 8pF, 9pF, 10pF or Specify	
Drive Level		10μW(100μW Max.)	
Frequency Tolerance		±7ppm , ±10ppm , ±15ppm (at. to 25°C)	
Equivalent Series Resistance		80Ω Max.	30Ω Max.
Frequency Stability (Temp.)		±12ppm / -30~85°C	±10ppm / -25~85°C
Operating Temp. Range		-30~105°C	-25~85°C
Storage Temp. Range		-40~105°C	-40~85°C
Thermistor Resistance(25°C)		100KΩ	
Thermistor B-constant(25~50°C)		4250K	

\*Packing Unit : 3,000pcs/Reel.