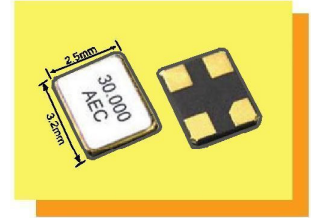


## Features

- ★ Ultra miniature size
- ★ High reliable LCC package
- ★ 4 Pads

## Applications

- ★ Bluetooth Headset
- ★ Bluetooth Handfree
- ★ Bluetooth IC CSR



## Specifications (Characteristics)

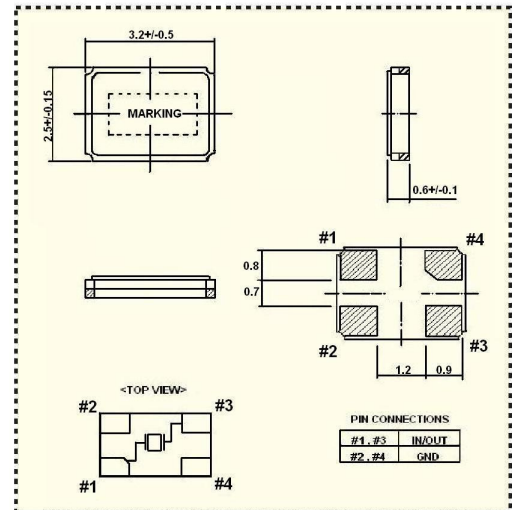
Item	Symbol	Specifications
Frequency Range	f	16.0MHz - 48.0 MHz
Vibration Mode		AT Fund.
Frequency Tolerance at 25°C	$\Delta f/f$	±10 ppm ±20 ppm ±30 ppm ★
Frequency Stability in Operating Temp. Range		±10 ppm ±30 ppm ★
Load Capacitance	CL	9pF 12pF 16pF or series
Operating Temp. Range	Topr	-10°C ~ +60°C ★ -30°C ~ +85°C
Storage Temp. Range	Tstg	-40°C ~ +90°C
Equivalent Series Resistance(ESR)	Rs	See Table 1
Drive Level	PWR	10uW 100uW
Aging	fa	± 1.3 ppm /Year (Max)
Packing		Tape and Reel Packages 3,000 pcs per reel 30,000 pcs per export carton

★ Commonly Used

## Part Number and Ordering

Part Number Code	Holder Type + Frequency + Mode of Vibration + Tolerance/Stability + RS + CL
Ordering Code	Same as Above
Example	SX3225-16M-AF-10/10-80Ω-16P

## Dimension (Unit: mm)



## Recommended soldering Pattern (Unit: mm)

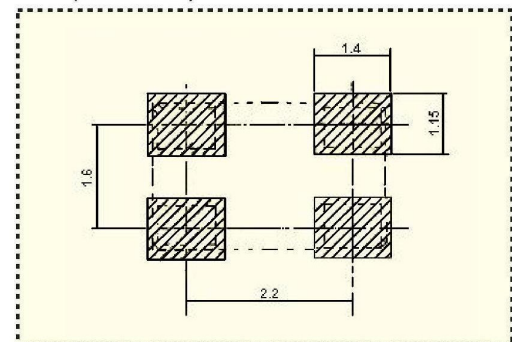


Table 1

Frequency Range (MHz)	ESR Max (Ω)	Mode
16.00~19.999	80	Fund.
21.00~48MHz	40	Fund.