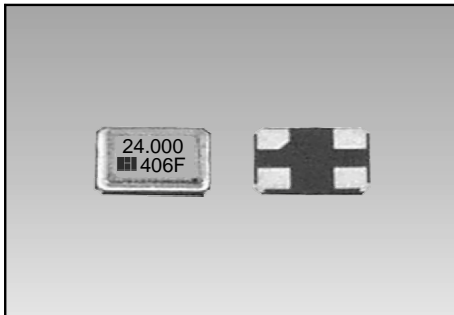


## • HCX-6SB Series 6.0X3.5X1.10 mm



### FEATURES

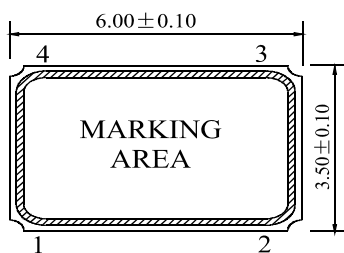
- Prepared frequencies can meet most of bluetooth chipsets
- Excellent heat resistance and shock resistance.
- Products that are lead-free. These can meet the requirement of re-flow profiling using lead-free solder

## Electrical Specifications

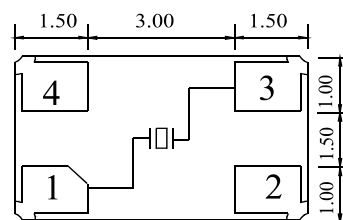
Item	Type	HCX-6SB				
		8 to 9.999MHz	10 to 11.999MHz	12 to 15.999MHz	16 to 39.999MHz	40 to 80.000MHz
Frequency Range	F0	8 to 9.999MHz	10 to 11.999MHz	12 to 15.999MHz	16 to 39.999MHz	40 to 80.000MHz
Mode of Vibration		Fundamental				3 <sup>rd</sup> Overtone
Load Capacitance	CL	10pF to Series				
Frequency Tolerance	$\Delta F / F_0$	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}$ (At 25°C)				
Equivalent Series Resistance	ESR	100 $\Omega$ max.	80 $\Omega$ max.	60 $\Omega$ max.	40 $\Omega$ max.	70 $\Omega$ max.
Temperature Stability	TC	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}$ (Refer to 25°C)				
Operating Temperature Range	T <sub>OPR</sub>	-20~+70°C, -30~+85°C Option				
Storage Temperature Range	T <sub>STG</sub>	-55~+125°C				
Shunt Capacitance	C0	7pF max.				
Insulator Resistance	IR	500M $\Omega$ min. (At 100V <sub>DC</sub> )				
Drive Level	DL	100 $\mu$ W (300 $\mu$ W max.)				
Aging	Fa	$\pm 2\text{ppm}$ max. (At 25°C, First year)				
Packing Unit		1000pcs/reel				

\*\*Please contact us for inquiries regarding other Specifications

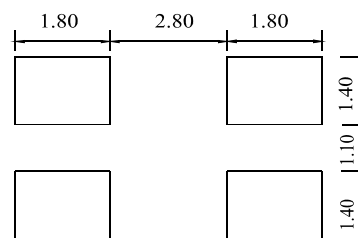
## Mechanical Dimensions(mm)



Top View



Recommended Solder Pattern



### TAIWAN:

HOSONIC ELECTRONIC CO., LTD.  
23-1 LANE 84, CHUN YING ST. SHULIN CHEN.  
TAIPEI 23804, TAIWAN  
WEB SITE: <http://www.hosonic.com>

☎: 886-2-86875200  
☎: 886-2-26816456  
✉: [hosonic.sales@hosonic.com](mailto:hosonic.sales@hosonic.com)

### CHINA:

HANGZHOU HOSONIC ELECTRONIC CO., LTD.  
NO.242 LIANGBO ROAD, LIANGZHU TOWN.  
YUHANG DISTRICT, HANGZHOU, ZHEJIANG, CHINA  
WEB SITE: <http://www.hosonic.com>

☎: 86-571-88778189  
☎: 86-571-88778857  
✉: [hosonic.sales@hosonic.com](mailto:hosonic.sales@hosonic.com)

Specifications are subject to change without notice