

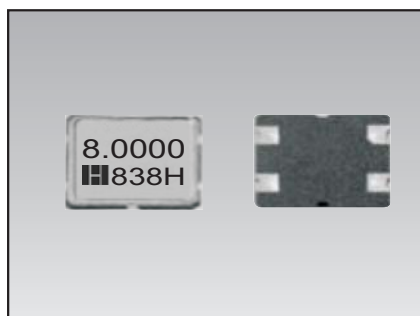


SMD CRYSTAL UNITS



•HCX-7SB Series

7.0X5.0X1.1 mm



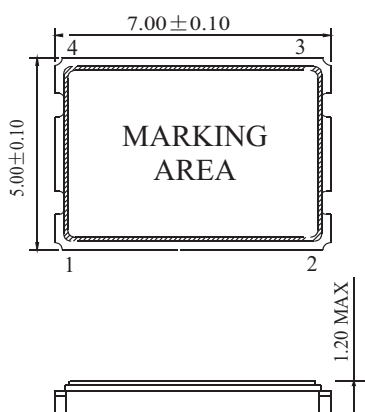
FEATURES

- 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

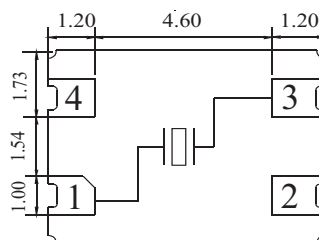
Electrical Specifications

Item	Type	HCX-7SB				
Frequency Range	Fo	6 to7.999MHz	8 to15.999MHz	16 to 39.999MHz	40 to 83.999MHz	84 to 100.000MHz
Overtone Order		Fundamental			3 rd Overtone	
Load Capacitance	CL	10pF to Series				
Frenquency Tolerance	△F/ Fo	± 10ppm, ± 30ppm, ± 50ppm(At 25℃)				
Equivalent Series Resistance	ESR	100 Ω max.	60 Ω max.	40 Ω max.	70 Ω max.	60 Ω max.
Temperature Stability	Tc	± 10ppm, ± 30ppm, ± 50ppm(Refer to 25℃)				
Operating Temperature Range	TOPR	-20~+70℃, -30~+85℃ Option				
Storage Temperature Range	TSTG	-40~+85℃				
Shunt Capacitance	Co	7pF max.				
Insulator Resistance	IR	500M Ω min. (At 100VDC)				
Drive Level	DL	100μW (300μW max.)				
Aging	Fa	± 2ppm max. (At 25℃ ,Frist year)				
Packing Unit		1000pcs/reel				

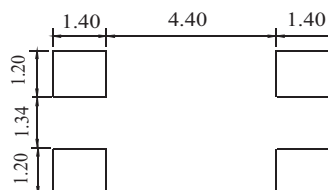
Mechanical Dimensions(mm)



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
✉: sharon@hosonic.com.tw

CHINA:

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

☎: 86-571-88778189
☎: 86-571-88778857
✉: mike@hosonic.com

Specifications are subject to change without notice