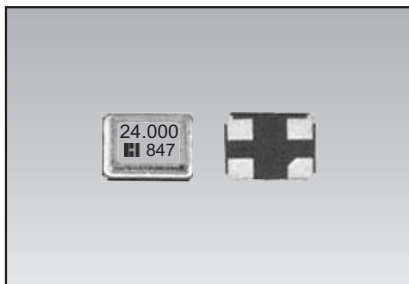


•HCX-2SB Series 2.5X2.0X0.55 mm



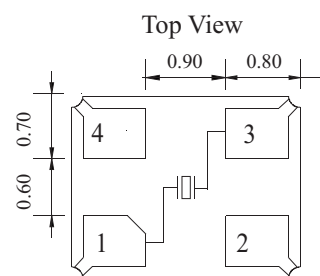
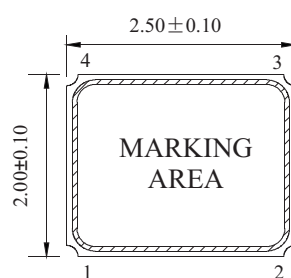
FEATURES

- Very Compact and thin (2.5X2.0X0.55mm typ.)
- Frequency range of 12M to 54M with Fund
- Mobilephone and Bluetooth application
- Excellent heat resistance and shock resistance.
- Products that are lead-free. These can meet the requirement of re-flow profiling using lead-free solder.

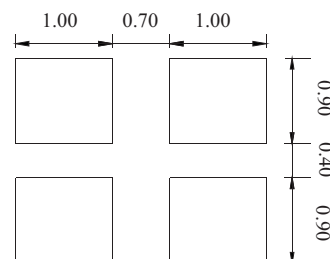
Electrical Specifications

Item	Type	HCX-2SB			
Frequency Range	Fo	12 to 15.999MHz	16 to 19.999MHz	20 to 29.999MHz	30 to 54.000MHz
Overtone Order		Fundamental			
Load Capacitance	CL	8 to 16pF			
Frequency Tolerance	$\Delta F / F_o$	$\pm 10\text{ppm}, \pm 15\text{ppm}, \pm 30\text{ppm}(\text{At } 25^\circ\text{C})$			
Equivalent Series Resistance	ESR	120 Ω max.	100 Ω max.	80 Ω max.	50 Ω max.
Temperature Stability	Tc	$\pm 10\text{ppm}, \pm 15\text{ppm}, \pm 30\text{ppm}(\text{Refer to } 25^\circ\text{C})$			
Operating Temperature Range	TOPR	$-20\sim+70^\circ\text{C}, -30\sim+85^\circ\text{C}$ Option			
Storage Temperature Range	TSTG	$-40\sim+85^\circ\text{C}$			
Shunt Capacitance	Co	3pF max.			
Insulator Resistance	IR	500M Ω min. (At 100VDC)			
Drive Level	DL	50 μ W (100 μ W max.)			
Aging	Fa	$\pm 2\text{ppm}$ max. (At 25°C , First year)			
Packing Unit		3000pcs/reel			

Mechanical Dimensions(mm)



Recommended Solder Pattern



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Specifications are subject to change without notice