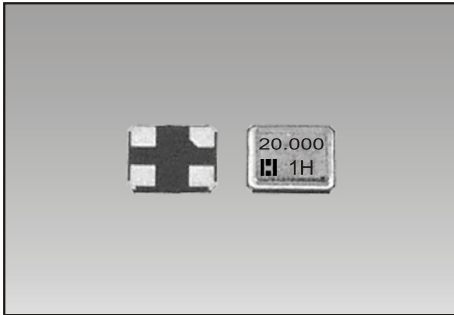


• HCX-2SB Series 2.5X2.0X0.55 mm



FEATURES

- Very Compact and thin (2.5X2.0X0.55 mm typ.)
- Frequency range of 16M to 60M with Fund
- OA/AV 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.

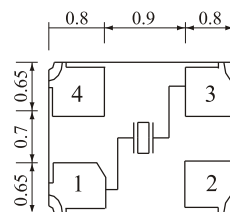
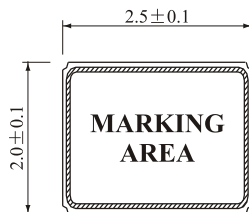
Electrical Specifications

Parameter	Symb	Condition	Min	Typ	Max	Units
Frequency Range	F ₀		16		60	MHz
Frequency Tolerance at 25°C	ΔF/ F ₀		± 10		± 50	ppm
Temperature Stability	T _c	REF TO 25°C	± 10		± 50	ppm
Operating Temperature Range	T _{OPR}		-20		+70	°C
Storage Temperature Range	T _{STG}		-40		+85	°C
Shunt Capacitance	C ₀				3	pF
Load Capacitance	C _L		8		12	pF
Insulator Resistance	I _R	100V _{DC}	500			M Ω
Drive Level	D _L			50	100	μW
Aging(at 25°C)	F _a	AT 25°C,per year	-2.0		+2.0	ppm

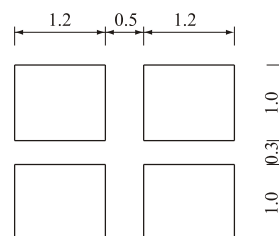
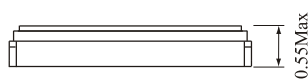
Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range	Max ESR(Ω)	Mode
16.000MHz to 19.999MHz	120	Fundamental
20.000MHz to 29.999MHz	80	Fundamental
30.000MHz to 60.000MHz	50	Fundamental

Mechanical Dimensions(mm)



Recommended Solder Pattern



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Specifications are subject to change without notice