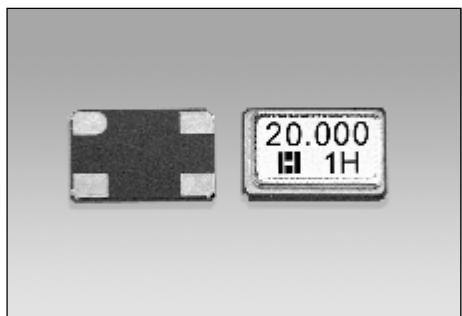




• HCX-2SB Series 2.5X2.0X0.55mm



FEATURES

- Very Compact and thin(2.5*2.0*0.55 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.

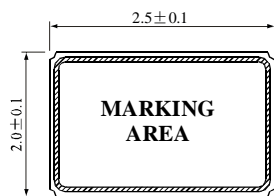
Electrical Specifications

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			MΩ
Drive Level	D _L			50	200	μW
Aging(at 25°C)	F _a	AT 25°C,per year	-2.0		+2.0	ppm

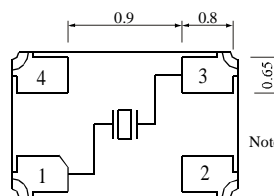
Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range	Max ESR(Ω)	Mode
16.000MHz to 19.999MHz	120	Fundamental
20.000MHz to 29.999MHz	100	Fundamental
30.000MHz to 60.000MHz	50	Fundamental

Mechanical Dimensions(mm)

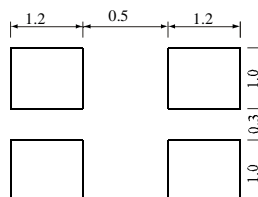
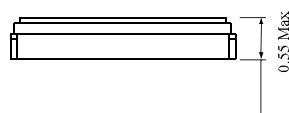


PRIMARY



Note)Pin#2 and #4 are connected through cover, in case connected to GND. frequency might be drifted.

Recommended Solder Pattern



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