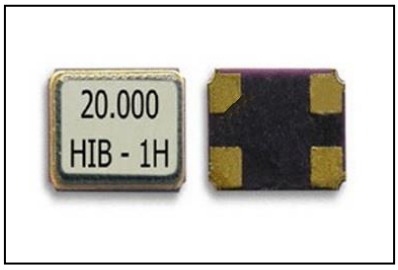
Este modelo será descontinuado
Sugestão: HCX-3SB para novos projetos

Hosonic Industrial do Brasil Ltda

RoHS

HCX-6SB Series 8 to 100MHz



The HCX-6SB crystal is an ultra-miniature package with size of 6.0x3.5x1.0mm. The ceramic base and metal cover provides the durability and reliability necessary for strenuous process like infrared and vapor phase reflow. Excellent performance for application in wireless communication.

FEATURES

- Ultra-miniature size
- Fundamental till 40MHz
- Industry Standard
- Wide Frequency Range
- Ceramic Seam Weld
- Reflow soldering

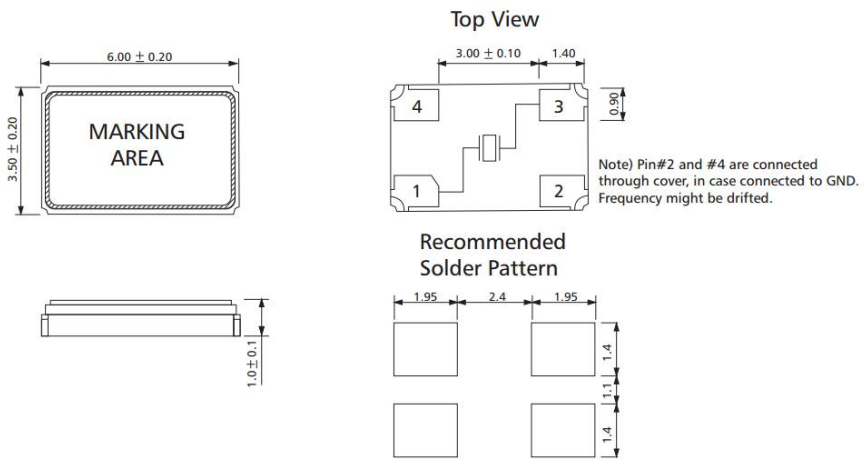
Electrical Specifications

Parameter	Symbol	Condition	Min	Typ	Max	Units
Frequency Range	F_0		8.000		100.000	MHz
Frequency Tolerance	$\Delta F/F_0$	at 25ºC	±10	±30	±30	PPM
Temperature Stability	T_C	Ref to 25ºC	±20	±30	±30	PPM
Operating Temperature Range	T_{OPR}		-55	-20 to +70	+125	ºC
Storage Temperature Range	T_{STG}		-40		+85	ºC
Shunt Capacitance	C_0				5	pF
Load Capacitance	C_L	Customer Specified	10	20	Series	pF
Insulator Resistance	I_R	100 V_{DC}	500			MΩ
Drive Level	D_L		1	100	200	µW
Aging	F_a	at 25ºC, per year	-3.0		+3.0	PPM
Packing Unit			1000pcs/reel			

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

Frequency Range(MHz)	Max ESR (Ω)	Mode
8.000 to 9.999MHz	150	Fundamental
10.000 to 11.999MHz	80	Fundamental
12.000 to 40.000MHz	50	Fundamental
40.000 to 100.000MHz	70	3rd Overtone

Mechanical Dimensions – mm (inch)



Hosonic Industrial do Brasil Ltda
Rua Nereu Ramos, 366 - Trevo da Guarany - CEP 85501-370 - Pato Branco - Paraná - Brasil - www.hib.com.br - +55 46 3220 8800