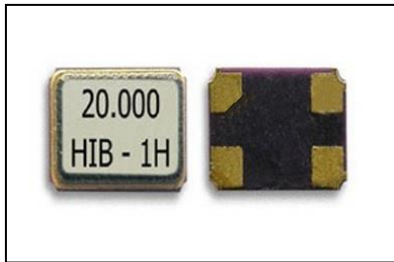


HCX-2SB Series 12 to 54MHz



FEATURES

- Compact and thin (2.5x2.0x0.55 mm typ.).
- Prepared frequencies can meet most of bluetooth chipsets.
- Excellent electric performance optimum for mobile phone and bluetooth applications are exhibited.

Electrical Specifications

Parameter	Symbol	Condition	Min	Typ	Max	Units
Frequency Range	F_0		12.000		54.000	MHz
Frequency Tolerance	$\Delta F/F_0$	at 25°C	±10	±30	±30	PPM
Temperature Stability	T_C	Ref to 25°C	±20	±30	±30	PPM
Operating Temperature Range	T_{OPR}		-55	-20 to +70	+125	°C
Storage Temperature Range	T_{STG}		-40		+85	°C
Shunt Capacitance	C_0				3	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 25°C, per year	-2.0		+2.0	PPM
Packing Unit	3000 pcs/reel					

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

Frequency Range(MHz)	Max ESR (Ω)	Mode
12.000 to 12.999MHz	150	Fundamental
13.000 to 29.999MHz	100	Fundamental
30.000 to 54.000MHz	60	Fundamental

Mechanical Dimensions – mm (inch)

