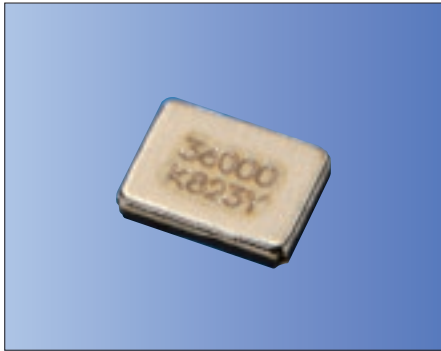


1.6×1.2mm for Mobile Communications



RoHS Compliant

Features

- Reference frequency for telecommunication systems
- Reflow compatible
- Using ceramic package resulting in high reliability
- Ultra-miniature and low profile

Applications

- Mobile Communications, Bluetooth®, Wireless LAN

* Bluetooth® Trademarks are owned by Bluetooth SIG Inc.

How to Order

CX1612SB 37400

- ① Series
- ② Frequency
- ③ Load Capacitance
- ④ Frequency Tolerance
- ⑤ Operating Temp. Range
- ⑥ Frequency Temp. Stability
- ⑦ Individual Specification

B0	6 pF	F	±10×10 ⁻⁶
D0	8 pF	G	±15×10 ⁻⁶

FF	-20 to +70°C	±10×10 ⁻⁶
LJ	-30 to +85°C	±15×10 ⁻⁶

Packaging (Tape & Reel 3000/ 1000 pcs./ reel)

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	26000 to 60000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Tolerance	f _{tol}	±10	×10 ⁻⁶	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T _{use}	-30 to +85	°C	
Storage Temp. Range	T _{stg}	-40 to +85	°C	
Frequency Temp. Characteristics	f _{tem}	±15	×10 ⁻⁶	Freq. deviation from the value at 25°C

• Please contact us for other specifications.

Table1 Motional Series Resistance

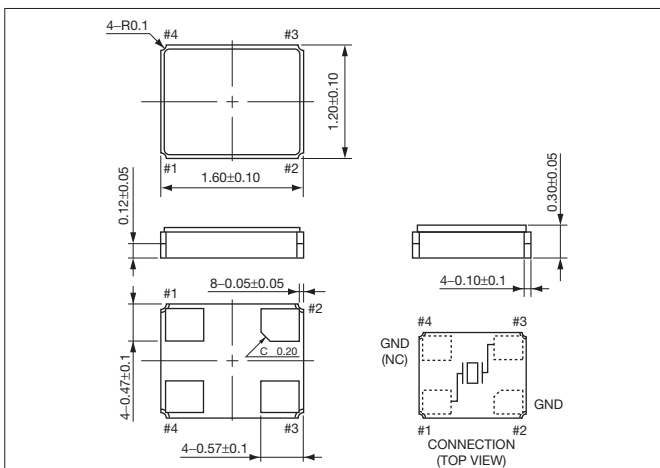
Frequency Range	Motional Series Resistance
26000≤f _{nom} <40000kHz	150Ω max.
40000≤f _{nom} <50000kHz	100Ω max.
50000≤f _{nom} ≤60000kHz	50Ω max.

Table2 Level of Drive

Frequency Range	Level of Drive
26000≤f _{nom} ≤60000kHz	10μW (100μW max.)

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

