

1.6×1.2mm for Consumer Products



RoHS Compliant

Features

- Crystal unit for Consumer Products
- Ultra-miniature and low profile (1.6×1.2×0.3mm)
- Ceramic package
- Reflow compatible

Applications

- Digital Electronics
- Consumer Products
- 1seg. tuner

How to Order

CX1612SB 36000

- ① Series
 - ② Frequency
 - ③ Load Capacitance
 - ④ Frequency Tolerance
 - ⑤ Operating Temp. Range
 - ⑥ Frequency Temp. Stability
 - ⑦ Individual Specification
- | | | | |
|-----------|--------------|----------|----------------------|
| B0 | 6 pF | G | ±15×10 ⁻⁶ |
| D0 | 8 pF | | |
| EJ | -10 to +70°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}	±15	×10 ⁻⁶	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T _{use}	-10 to +70	°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

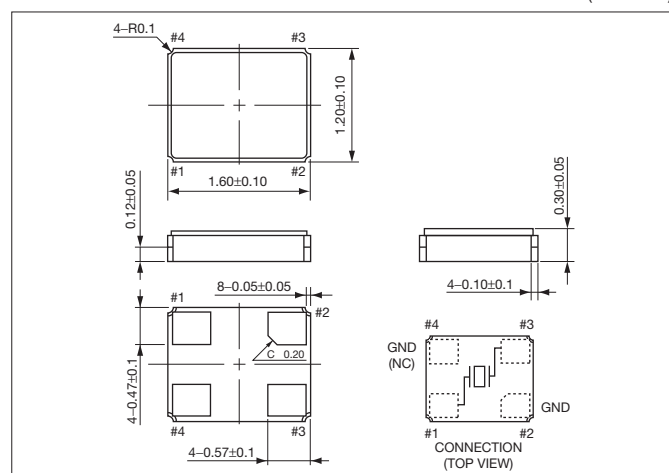
Frequency Range	Motional Series Resistance
26000≤f _{nom} <40000kHz	150Ω max.
40000≤f _{nom} <50000kHz	100Ω max.
50000≤f _{nom} ≤60000kHz	50Ω max.

Table2 Level of Drive

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

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

