



1.6x1.2mm for Consumer Products/ Mobile Communications



Features

- Crystal unit for Digital Electronics and Consumer Products
- Ultra-miniature and low profile  
32MHz or more accepts 0.35mm-high or less
- Ceramic package
- Reflow compatible

Applications

- Smartphone (Bluetooth®, Wireless LAN, NFC)
- Wearable devices
- Short range wireless (LPWA)

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How to Order

CX1612DB 24000 □□ G L L CC  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series
- ② Frequency
- ③ Load Capacitance
- ④ Frequency Tolerance
- ⑤ Operating Temp. Range
- ⑥ Frequency Temp. Stability
- ⑦ Individual Specification (STD Specification is "CC".)

Example: D0 8 pF G ±15×10<sup>-6</sup> LL -30 to +85°C ±20×10<sup>-6</sup>

Packaging (Tape & Reel 3000/ 20000 pcs./ reel)

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f <sub>nom</sub>	24 / 26 / 32 / 37.4 / 38.4 / 40 / 48	MHz	Please contact us for other frequency range.
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	Please contact us for other CL requirements.
Frequency Tolerance	f <sub>tol</sub>	±15	×10 <sup>-6</sup>	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	10μW(100μW max.)	μW	
Operating Temp. Range	T <sub>use</sub>	-30 to +85	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +85	°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±20	×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

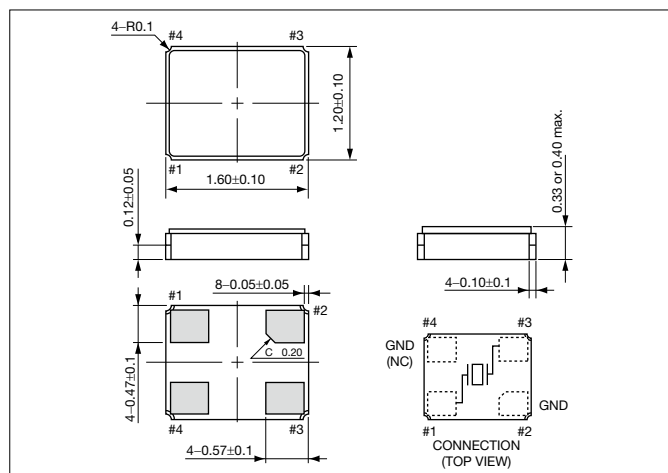
Please contact us for other specifications.

Table 1 Motional Series Resistance Please contact us for other frequency range.

Frequency Range	Motional Series Resistance
24MHz	150 Ω max.
38.4MHz	80 Ω max.
48MHz	50 Ω max.

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

