



1.6×1.2mm for Consumer Products/ Mobile Communications



RoHS Compliant

Features

- Crystal unit for Digital Electronics and Consumer Products
- Ultra-miniature and low profile
32000kHz or more accepts 0.33mm-high
- 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

①Series

③Load Capacitance

D0 8 pF

②Frequency

④Frequency Tolerance

G ±15×10⁻⁶

⑤Operating Temp. Range ⑥Frequency Temp. Stability

LL -30 to +85°C

±20×10⁻⁶

⑦Individual Specification
(STD Specification is "CC".)

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

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f _{nom}	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	
Frequency Tolerance	f _{tol}	±15	×10 ⁻⁶	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	10μW(100μW max.)	μW	
Operating Temp. Range	T _{use}	-30 to +85	°C	
Storage Temp. Range	T _{stg}	-40 to +85	°C	
Frequency Temp. Characteristics	f _{tem}	±20	×10 ⁻⁶	Freq. deviation from the value at 25°C

Please contact us for other specifications.

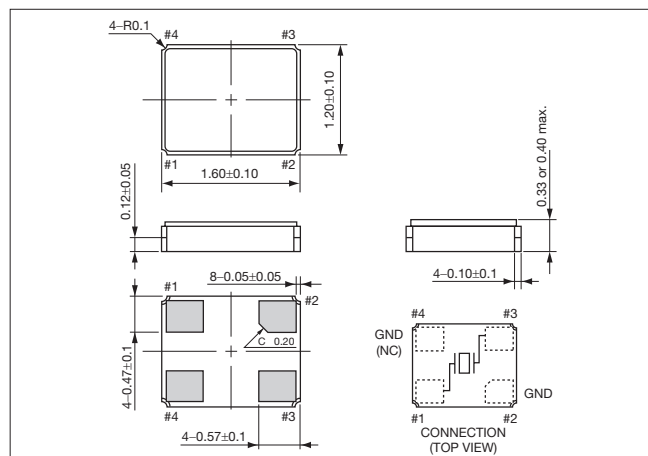
Table 1 Motional Series Resistance

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)

