



RoHS Compliant

Features

- Crystal unit for Consumer Products
- Ultra-miniature and low profile
- Ceramic package
- Reflow compatible

Applications

- Digital Electronics
- Consumer Products
- 1seg. tuner

How to Order

CX1612DB 36000 □ □ □ □ □ □
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series ② Frequency
③ Load Capacitance ④ Frequency Tolerance
- | | | | |
|----|------|---|-------------------------|
| B0 | 6 pF | G | $\pm 15 \times 10^{-6}$ |
| D0 | 8 pF | | |
- ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability
- | | | | |
|----|--------------|--|-------------------------|
| EJ | -10 to +70°C | | $\pm 15 \times 10^{-6}$ |
|----|--------------|--|-------------------------|
- ⑦ Individual Specification

Packaging (Tape & Reel 1000/ 3000/ 12000/ 21000 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	$\times 10^{-6}$	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	$\times 10^{-6}$	Freq. deviation from the value at 25°C

Please contact us for other specifications.

Table1 Motional Series Resistance

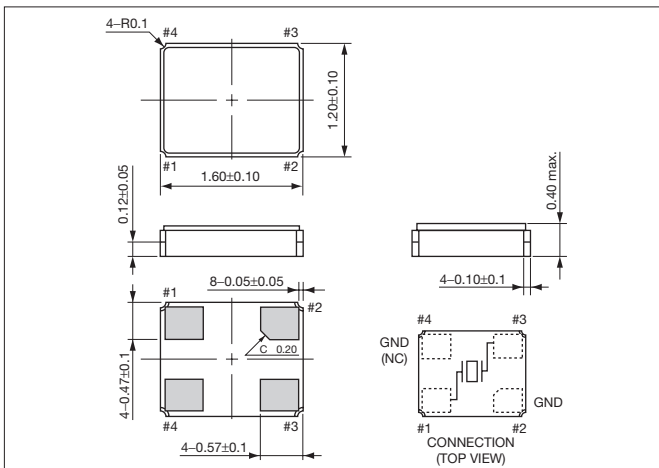
Frequency Range	Motional Series Resistance
26000 ≤ f _{nom} < 37400 kHz	150Ω max.
37400 ≤ f _{nom} < 50000 kHz	80Ω max.
50000 ≤ f _{nom} ≤ 60000 kHz	50Ω max.

Table2 Level of Drive

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

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

