

RoHS Compliant

### Features

- Ultra-miniature and low profile (1.2×1.0×0.3mm max.)
- Crystal unit for mobile communication Systems.
- Reflow compatible
- Using ceramic package resulting in high reliability

### Applications

- Mobile Communications, Bluetooth®, Wireless LAN

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### How to Order

CX1210DB 37400

- ① Series                                    ② Frequency  
 ③ Load Capacitance                ④ Frequency Stability
- |           |       |          |                      |
|-----------|-------|----------|----------------------|
| <b>DO</b> | 8 pF  | <b>F</b> | ±10×10 <sup>-6</sup> |
| <b>HO</b> | 12 pF | <b>G</b> | ±15×10 <sup>-6</sup> |
- ⑤ Operating Temp. Range    ⑥ Frequency Temp. Stability
- |           |              |                      |
|-----------|--------------|----------------------|
| <b>FF</b> | -20 to +70°C | ±10×10 <sup>-6</sup> |
| <b>LJ</b> | -30 to +85°C | ±15×10 <sup>-6</sup> |
- ⑦ Individual Specification

Packaging (Tape & Reel 1000/ 3000/ 12000/ 21000pcs./ reel)

### Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	37400/ 52000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Tolerance	f <sub>tol</sub>	±10	×10 <sup>-6</sup>	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T <sub>use</sub>	-30 to +85	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +105	°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±10	×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

Please contact us for other specifications.

**Table1 Motional Series Resistance**

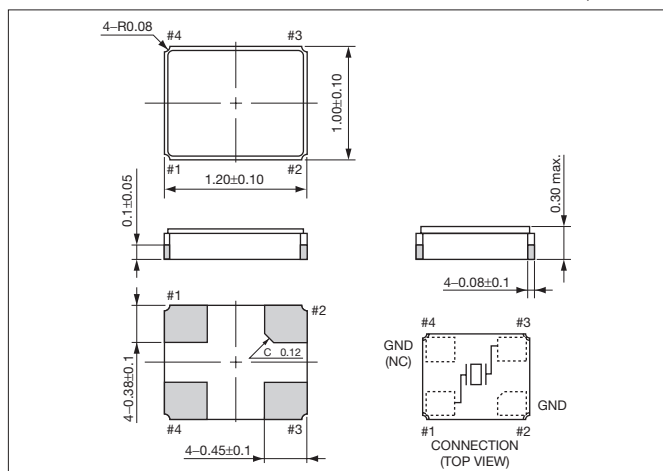
Frequency Range	Motional Series Resistance
f <sub>nom</sub> =37400/ 52000kHz	60Ω max.

**Table2 Level of Drive**

Frequency Range	Level of Drive
f <sub>nom</sub> =37400/ 52000kHz	10μW (100μW max.)

### Dimensions

(Unit: mm)



### Recommended Land Pattern

(Unit: mm)

