



1.2×1.0mm for Mobile Communications



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 □□ □ □ □ CC
① ② ③ ④ ⑤ ⑥ ⑦

①Series

③Load Capacitance

D0	8 pF
H0	12 pF

②Frequency

④Frequency Stability

F	±10×10 ⁻⁶
G	±15×10 ⁻⁶

⑤Operating Temp. Range ⑥Frequency Temp. Stability

FF	-20 to +70°C	±10×10 ⁻⁶
LH	-30 to +85°C	±12×10 ⁻⁶
LJ	-30 to +85°C	±15×10 ⁻⁶

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

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

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f _{nom}	37400/ 40000/ 52000/ 80000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Tolerance	f _{tol}	±10	×10 ⁻⁶	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T _{use}	-30 to +85	°C	
Storage Temp. Range	T _{stg}	-40 to +105	°C	
Frequency Temp. Characteristics	f _{tem}	±12	×10 ⁻⁶	Freq. deviation from the value at 25°C

Please contact us for other specifications.

Table 1 Motional Series Resistance

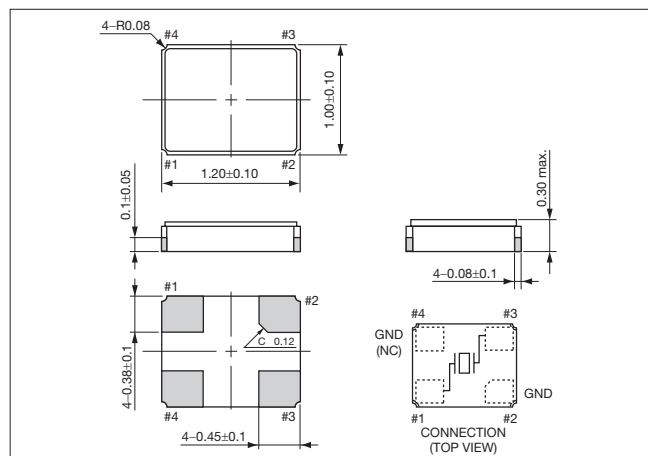
Frequency Range	Motional Series Resistance
f _{nom} =37400/ 40000/ 52000/ 80000kHz	60 Ω max.

Table 2 Level of Drive

Frequency Range	Level of Drive
f _{nom} =37400/ 40000/ 52000/ 80000kHz	10μW (100μW max.)

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

