



1.0×0.8mm for Mobile Communications



RoHS Compliant

Features

- Ultra-miniature and low profile (1.0×0.8×0.3mm max.)
- Crystal unit for mobile communication Systems.
- Reflow compatible
- Using ceramic package resulting in high reliability

Applications

- Mobile Communications

How to Order

CX1008SB 37400 □□ □ □ □ □  
① ② ③ ④ ⑤ ⑥ ⑦

①Series	②Frequency
③Load Capacitance	④Frequency Tolerance
B0 6 pF —	F ±10×10 <sup>-6</sup> Std.
C0 7 pF Std.	G ±15×10 <sup>-6</sup> —
⑤Operating Temp. Range	⑥Frequency Temp. Stability
LH -30 to +85°C	±12×10 <sup>-6</sup>
⑦Individual Specification	

Packaging (Tape & Reel 21000 pcs./ reel)

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f <sub>nom</sub>	37400 to 80000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	7	pF	Please contact us for other CL requirements.
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>	±12	×10 <sup>-6</sup>	

Please contact us for other specifications.

Crystal Units

Table 1 Motional Series Resistance

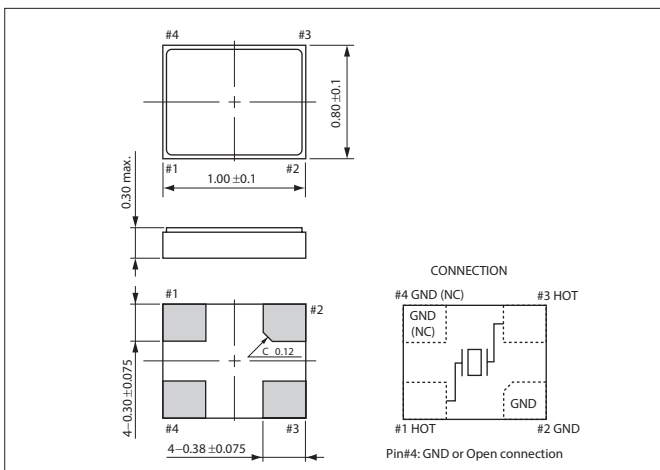
Frequency Range	Motional Series Resistance
f <sub>nom</sub> =37400 to 80000kHz	60 Ω max.

Table 2 Level of Drive

Frequency Range	Level of Drive
f <sub>nom</sub> =37400 to 80000kHz	10μW (100μW max.)

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

