



1.0×0.8mm for Consumer Products/ 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 ⁻⁶ Std.
C0 7 pF Std.	G ±15×10 ⁻⁶ —
⑤Operating Temp. Range	⑥Frequency Temp. Stability
LH -30 to +85°C	±12×10 ⁻⁶
⑦Individual Specification	

Packaging (Tape & Reel 21000 pcs./ reel)

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f _{nom}	37400 to 80000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	7	pF	Please contact us for other CL requirements.
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	

Please contact us for other specifications.

Crystal Units

Table 1 Motional Series Resistance

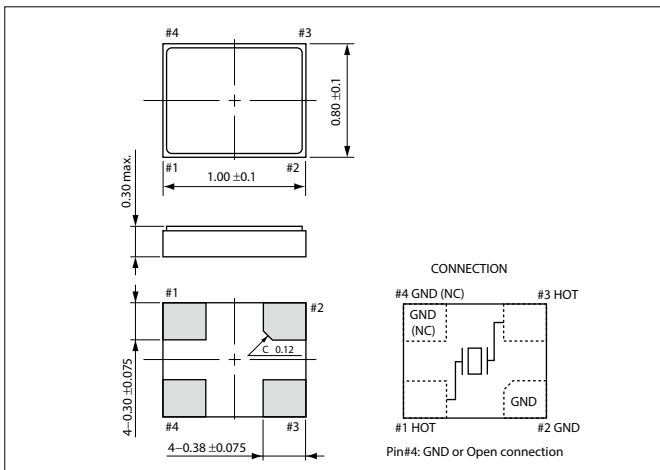
Frequency Range	Motional Series Resistance
f _{nom} =37400 to 80000kHz	60 Ω max.

Table 2 Level of Drive

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

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

