



RoHS Compliant

**Features**

- Crystal unit for Consumer Products
- Small and low profile (8.0×4.5×1.8mm)
- Ceramic package
- Reflow compatible

**Applications**

- Digital Electronics
- Consumer Products

**How to Order**

CX8045GB 07200

① ② ③ ④ ⑤ ⑥ ⑦

① Series ② Frequency  
③ Load Capacitance ④ Frequency Tolerance

**H0** 12 pF **H** ±20×10<sup>-6</sup>

⑤ Operating Temp. Range ⑥ Frequency Temp. Stability

**EQ** -10 to +70°C ±30×10<sup>-6</sup>

⑦ Individual Specification

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

**Specifications**

Item	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	4000 to 48000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	12	pF	Please contact us for other Load Capacitance.
Frequency Tolerance	f <sub>tol</sub>	±20	×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>	-10 to +70	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +85	°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±30	×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

Please contact us for other specifications.

**Table1 Motional Series Resistance**

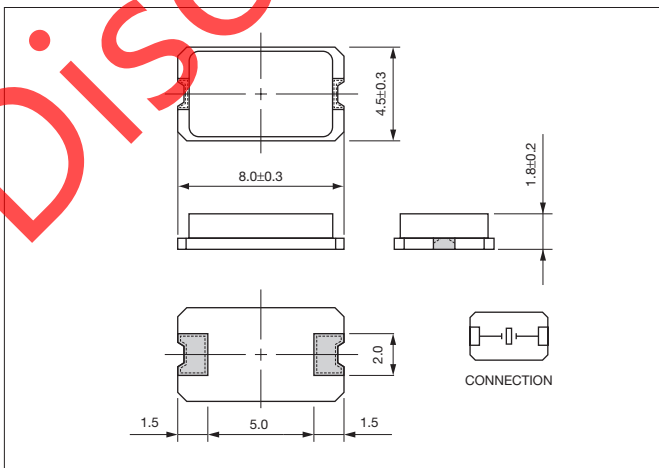
Frequency Range	Motional Series Resistance
4000≤f <sub>nom</sub> < 7200kHz	300Ω max.
7200≤f <sub>nom</sub> <10000kHz	200Ω max.
10000≤f <sub>nom</sub> <12000kHz	150Ω max.
12000≤f <sub>nom</sub> ≤48000kHz	100Ω max.

**Table2 Level of Drive**

Frequency Range	Level of Drive
4000≤f <sub>nom</sub> <16000kHz	10μW (500μW max.)
16000≤f <sub>nom</sub> <25000kHz	10μW (300μW max.)
25000≤f <sub>nom</sub> ≤48000kHz	10μW (100μW max.)

**Dimensions**

(Unit: mm)



**Recommended Land Pattern**

(Unit: mm)

