

RoHS Compliant

### Features

- Crystal unit for automotive electronics
- Small and low profile (11.8×5.5×2.5mm)
- Ceramic package
- Product with lead free terminations
- Reflow compatible

### Applications

- Engine Control

### How to Order

CXB855GA 06000 H0 Q S W ZZ  
 ① ② ③ ④ ⑤ ⑥ ⑦

① Code

② Typical Frequencies

Code	Freq.(kHz)	Code	Freq.(kHz)
04000	4000.000	12000	12000.000
05000	5000.000	16000	16000.000
06000	6000.000	18000	18000.000
08000	8000.000	20000	20000.000
10000	10000.000		

\*Please inquire about frequencies other than the above.

③ Load Capacitance

<b>H0</b>	12pF
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④ Frequency Stability

<b>Q</b>	±100×10 <sup>-6</sup>
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⑤ Operating Temperature Range

<b>S</b>	-40°C to +125°C
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⑥ Frequency Temperature Stability

<b>W</b>	±200×10 <sup>-6</sup>
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⑦ Special

<b>ZZ</b>	Custom Specification
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### Specifications

Items	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	3500 to 20000	kHz	
Overtone Order	OT	Fundamental	—	
Frequency Tolerance	f <sub>tol</sub>	±100	×10 <sup>-6</sup>	@ 25°C
Frequency Temp. Characteristics	f <sub>tem</sub>	±200	×10 <sup>-6</sup>	ref.@ 25°C Over Operating Temp. Range
Motional Series Resistance	R1	Table 1	ohm	
Level of Drive	DL	Table 2	μW	
Load Capacitance	CL	12	pF	
Operating Temp. Range	T <sub>use</sub>	-40 to +125	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +125	°C	

\* Please inquire about specifications other than the above.

### Table1 Motional Series Resistances

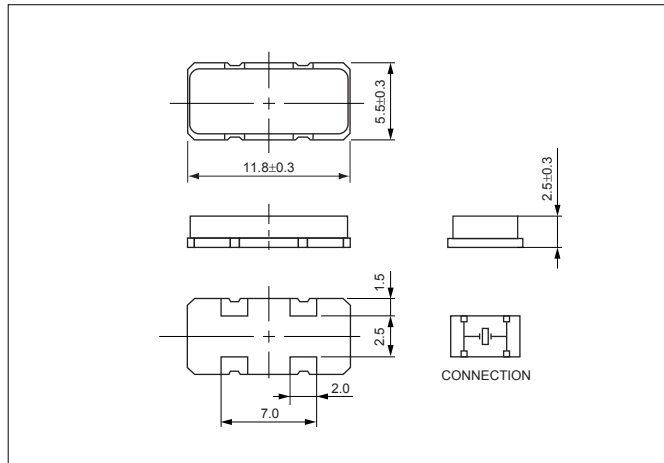
Frequency Range	Motional Series Resistance	Units
3500 to 3999kHz	300	ohm
4000 to 7999kHz	200	
8000 to 11999kHz	120	
12000 to 20000kHz	100	

### Table2 Level of Drive

Frequency Range	Level of Drive	Units
3500 to 15999kHz	10 (500 max.)	μW
16000 to 20000kHz	10 (300 max.)	

### Dimensions

(Unit : mm)



### Recommended Land Pattern

(Unit : mm)

