

# 1.6×1.2mm for Consumer Products



## Pb Free

# **Features**

- Crystal unit for Consumer Products
- Ultra-miniature and low profile (1.6×1.2×0.3mm)
- Ceramic package
- A lead free product
- Reflow compatible

### Applications

- Digital Electronics
- Consumer Products

(Unit: mm)

• 1seg. tuner

# How to Order

<u>CX1612SB 36000                                 </u>					
1		2	3	(4) $(5)$ $(6)$	) (7)
① Series		(2) Fi	requency		
③ Load Capacitance			④ Fi	requency St	ability
<b>B0</b>	6 pF	—	G	±15×10-6	Std.
<b>D0</b>	8 pF	Std.			
(5) Operating Temp. Range (6) Frequency Temp. Stability					
EJ	J -10 to +70°C		±	15×10-6	Std.
<ol> <li>Individual Specification</li> </ol>					

## **Specifications**

Item	Symbol	Specification	Units	Remarks
Frequency Range	f_nom	30000 to 60000	kHz	
Overtone Order	OT	Fundamental	_	
Load Capacitance	CL	8	pF	
Frequency Stability	f_tol	±15	×10-6	25°C±3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	μW	
Operating Temp. Range	T_use	-10 to +70	°C	
Storage Temp. Range	T_stg	-40 to +85	°C	
Frequency Temp. Characteristics	f_tem	±15	×10-6	Freq. deviation from the value at $25^{\circ}C$

#### Typical Frequencies and Part Numbers

Frequency (kHz)	Part Number
32000.000	CX1612SB32000D0GEJZ1
36000.000	CX1612SB36000D0GEJZ1
38400.000	CX1612SB38400D0GEJZ1
40000.000	CX1612SB40000D0GEJZ1

\* Please contact us for other specifications.

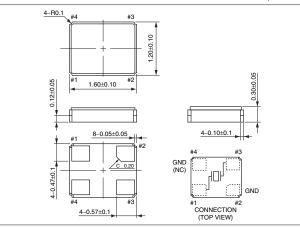
## **Table1 Motional Series Resistance**

Frequency Range	Motional Series Resistance	
30000 to 39999kHz	200Ω max.	
40000 to 60000kHz	100Ω max.	

## **Table2 Level of Drive**

Frequency Range	Level of Drive
30000 to 60000kHz	10μW (100μW max.)

### **Dimensions**



# **Recommended Land Pattern**

(Unit: mm)

