

1.6×1.2mm for Consumer Products



RoHS Compliant

Features

- Crystal unit for Consumer Products
- Ultra-miniature and low profile
- Ceramic package
- Reflow compatible

Applications

- Digital Electronics
- Consumer Products
- 1seg. tuner

How to Order

CX1612DB 36000 ☐ ☐ **G E J CC**

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series ② Frequency
③ Load Capacitance ④ Frequency Tolerance

B0	6 pF	G	$\pm 15 \times 10^{-6}$
D0	8 pF		

- ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability

EJ	-10 to +70°C	$\pm 15 \times 10^{-6}$
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- ⑦ Individual Specification
(STD specification is "CC")

Packaging (Tape & Reel 3000/ 20000 pcs./ reel)

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	26000 to 60000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	
Frequency Tolerance	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°C

Please contact us for other specifications.

Table1 Motional Series Resistance

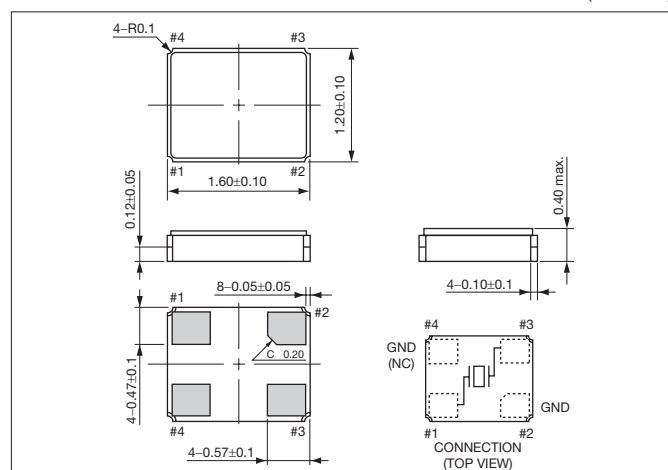
Frequency Range	Motional Series Resistance
26000≤f _{nom} <37400kHz	150Ω max.
37400≤f _{nom} <50000kHz	80Ω max.
50000≤f _{nom} ≤60000kHz	50Ω max.

Table2 Level of Drive

Frequency Range	Level of Drive
26000≤f _{nom} ≤60000kHz	10μW (100μW max.)

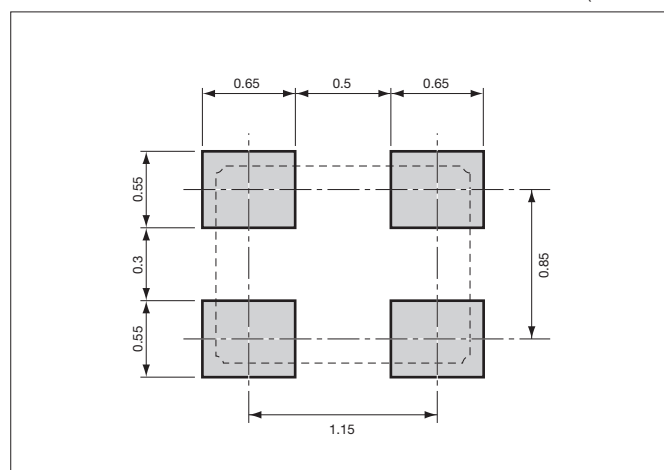
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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Kyocera:

<u>CX1612DB48000D0FPJC1</u>	<u>CX1612DB27120D0FLJCC</u>	<u>CX1612DB38400D0FLJCC</u>	<u>CX1612DB40000B0FLJCC</u>
<u>CX1612DB40000H0FLJCC</u>	<u>CX1612DB27120F0FLJCC</u>	<u>CX1612DB48000B0FLJCC</u>	<u>CX1612DB32000H0FLJCC</u>
<u>CX1612DB26000B0FLLCC</u>	<u>CX1612DB27120H0FLJCC</u>	<u>CX1612DB27000P0FLJCC</u>	<u>CX1612DB48000F0FLJCC</u>
<u>CX1612DB27120B0FLJCC</u>	<u>CX1612DB37400F0FLJCC</u>	<u>CX1612DB26000F0FLLCC</u>	<u>CX1612DB32000D0FLJCC</u>
<u>CX1612DB48000D0FLJCC</u>	<u>CX1612DB40000D0FLJCC</u>	<u>CX1612DB32000B0FLJCC</u>	<u>CX1612DB38400B0FLJCC</u>
<u>CX1612DB37400H0FLJCC</u>	<u>CX1612DB26000H0FLLCC</u>	<u>CX1612DB32000F0FLJCC</u>	<u>CX1612DB40000F0FLJCC</u>
<u>CX1612DB24000D0FLLCC</u>	<u>CX1612DB26000D0FLLCC</u>	<u>CX1612DB38400F0FLJCC</u>	<u>CX1612DB37400B0FLJCC</u>
<u>CX1612DB37400D0FLJCC</u>	<u>CX1612DB48000H0FLJCC</u>	<u>CX1612DB38400H0FLJCC</u>	