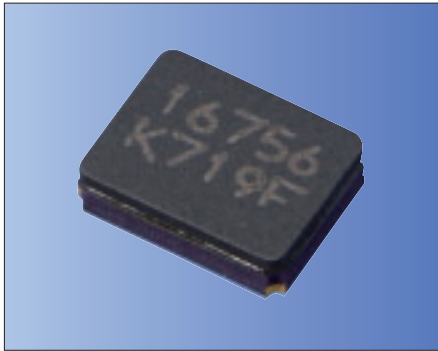


3.2×2.5mm for Consumer Products



RoHS Compliant

**Features**

- Crystal unit for Consumer Products
- Small and low profile 0.9mm max. (3.2×2.5×0.8mm)
- Ceramic package
- Reflow compatible

**Applications**

- Digital Electronics
- Consumer Products

**How to Order**

**CX3225GB 27000 D0 H E Q CC**  
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Series
- ② Frequency
- ③ Load Capacitance
- ④ Frequency Tolerance
- ⑤ Operating Temp. Range
- ⑥ Frequency Temp. Stability
- ⑦ Individual Specification (STD Specification is "CC")

**D0** 8 pF **H** ±20×10<sup>-6</sup>

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

Packaging (Tape & Reel 3000 pcs./ reel)

**Specifications**

Item	Symbol	Specification	Units	Remarks
Frequency Range	f <sub>nom</sub>	12000 to 54000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	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**

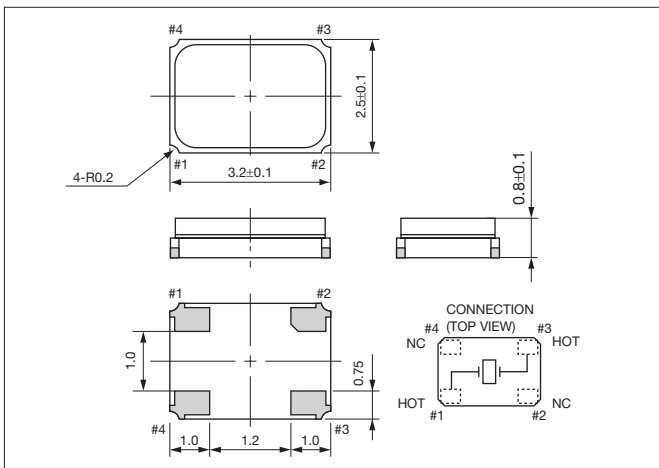
Frequency Range	Motional Series Resistance
12000 ≤ f <sub>nom</sub> < 13000kHz	150Ω max.
13000 ≤ f <sub>nom</sub> < 14000kHz	100Ω max.
14000 ≤ f <sub>nom</sub> < 20000kHz	80Ω max.
20000 ≤ f <sub>nom</sub> < 27000kHz	60Ω max.
27000 ≤ f <sub>nom</sub> ≤ 54000kHz	50Ω max.

**Table2 Level of Drive**

Frequency Range	Level of Drive
12000 ≤ f <sub>nom</sub> ≤ 54000kHz	10μW (100μW max.)

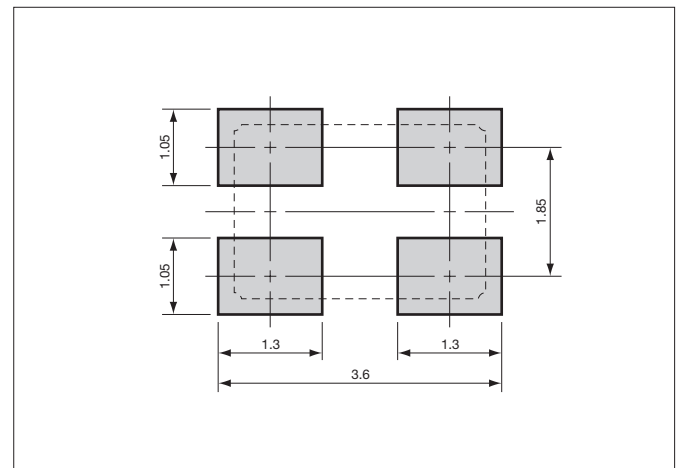
**Dimensions**

(Unit: mm)



**Recommended Land Pattern**

(Unit: mm)



# Mouser Electronics

Authorized Distributor

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## AVX:

[CX3225GB16000H0HPQZ1](#)

## Kyocera:

[CX3225GB10000D0HEQZ1](#) [CX3225GB12000D0HEQZ1](#) [CX3225GB14318D0HEQZ1](#) [CX3225GB16000D0HEQZ1](#)  
[CX3225GB20000D0HEQZ1](#) [CX3225GB24000D0HEQZ1](#) [CX3225GB25000D0HEQZ1](#) [CX3225GB27000D0HEQZ1](#)  
[CX3225GB32000D0HEQZ1](#) [CX3225GB40000D0HEQZ1](#) [CX3225GB48000D0HEQZ1](#) [CX3225GB10000D0HPQZ1](#)  
[CX3225GB12000D0HPQZ1](#) [CX3225GB14318D0HPQZ1](#) [CX3225GB16000D0HPQZ1](#) [CX3225GB20000D0HPQZ1](#)  
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[CX3225GB22579D0HEQZ1](#) [CX3225GB30000D0HPQZ1](#) [CX3225GB19200D0HEQZ1](#) [CX3225GB19200D0HPQZ1](#)  
[CX3225GB14745D0HEQZ1](#) [CX3225GB38400D0HPQZ1](#) [CX3225GB24576D0HEQZ1](#) [CX3225GB14745D0HPQZ1](#)  
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[CX3225GB13000P0HPQZ1](#) [CX3225GB13560P0HPQZ1](#) [CX3225GB14318P0HPQZ1](#) [CX3225GB14745P0HPQZ1](#)  
[CX3225GB16000P0HPQZ1](#) [CX3225GB16384P0HPQZ1](#) [CX3225GB18432P0HPQZ1](#) [CX3225GB19200P0HPQZ1](#)  
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[CX3225GB25000P0HPQZ1](#) [CX3225GB27000P0HPQZ1](#) [CX3225GB27120P0HPQZ1](#) [CX3225GB30000P0HPQZ1](#)  
[CX3225GB32000P0HPQZ1](#) [CX3225GB33333P0HPQZ1](#) [CX3225GB36000P0HPQZ1](#) [CX3225GB38400P0HPQZ1](#)  
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[CX3225GB30000D0HEQCC](#) [CX3225GB27000D0HEQCC](#) [CX3225GB24000P0HPQCC](#) [CX3225GB10000D0HPQCC](#)  
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