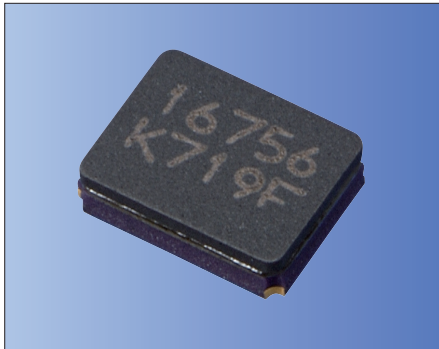




3.2×2.5mm for Consumer Products



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

①Series

③Load Capacitance

D0 8 pF

②Frequency

⑤Frequency Tolerance

H ±20×10<sup>-6</sup>

⑥Operating Temp. Range ⑦Frequency Temp. Stability

EQ -10 to +70°C ±30×10<sup>-6</sup>

⑦Individual Specification

(STD Specification is "CC".)

Packaging (Tape & Reel 3000 pcs./ reel)

### Specifications

Item	Symbol	Specification	Unit	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 CL requirements.
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.

Table 1 Motional Series Resistance

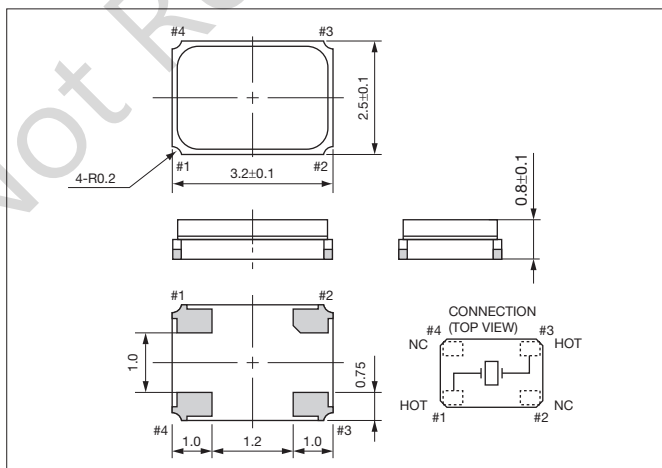
Frequency Range	Motional Series Resistance
12000≤f <sub>nom</sub> <13000kHz	150 Ω max.
13000≤f <sub>nom</sub> <14000kHz	100 Ω max.
14000≤f <sub>nom</sub> <20000kHz	80 Ω max.
20000≤f <sub>nom</sub> <27000kHz	60 Ω max.
27000≤f <sub>nom</sub> ≤54000kHz	50 Ω max.

Table 2 Level of Drive

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

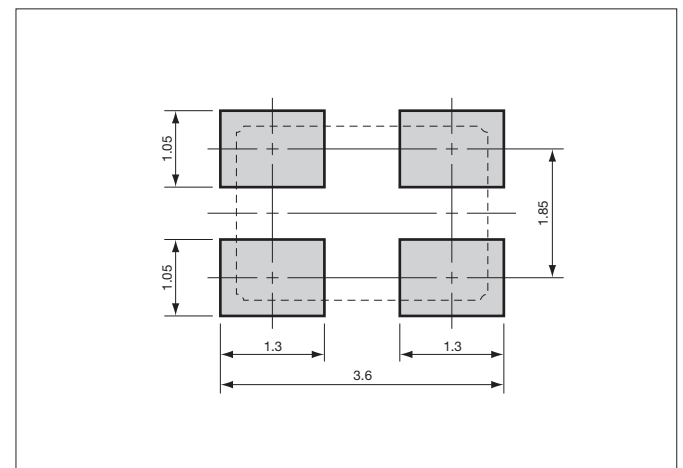
### Dimensions

(Unit: mm)



### Recommended Land Pattern

(Unit: mm)



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## KYOCERA AVX:

<a href="#"><u>CX3225GB10000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB12000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB14318D0HEQZ1</u></a>	<a href="#"><u>CX3225GB16000D0HEQZ1</u></a>
<a href="#"><u>CX3225GB20000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB24000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB25000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB27000D0HEQZ1</u></a>
<a href="#"><u>CX3225GB32000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB40000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB48000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB10000D0HPQZ1</u></a>
<a href="#"><u>CX3225GB12000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB14318D0HPQZ1</u></a>	<a href="#"><u>CX3225GB16000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB20000D0HPQZ1</u></a>
<a href="#"><u>CX3225GB24000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB25000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB27000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB32000D0HPQZ1</u></a>
<a href="#"><u>CX3225GB40000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB48000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB11059R0HPQ01</u></a>	<a href="#"><u>CX3225GB16000H0HPQZ1</u></a>
<a href="#"><u>CX3225GB22579D0HPQZ1</u></a>	<a href="#"><u>CX3225GB22579D0HEQZ1</u></a>	<a href="#"><u>CX3225GB30000D0HPQZ1</u></a>	<a href="#"><u>CX3225GB19200D0HEQZ1</u></a>
<a href="#"><u>CX3225GB19200D0HPQZ1</u></a>	<a href="#"><u>CX3225GB14745D0HEQZ1</u></a>	<a href="#"><u>CX3225GB38400D0HPQZ1</u></a>	<a href="#"><u>CX3225GB24576D0HEQZ1</u></a>
<a href="#"><u>CX3225GB14745D0HPQZ1</u></a>	<a href="#"><u>CX3225GB30000D0HEQZ1</u></a>	<a href="#"><u>CX3225GB10000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB12000P0HPQZ1</u></a>
<a href="#"><u>CX3225GB12288P0HPQZ1</u></a>	<a href="#"><u>CX3225GB13000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB13560P0HPQZ1</u></a>	<a href="#"><u>CX3225GB14318P0HPQZ1</u></a>
<a href="#"><u>CX3225GB14745P0HPQZ1</u></a>	<a href="#"><u>CX3225GB16000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB16384P0HPQZ1</u></a>	<a href="#"><u>CX3225GB18432P0HPQZ1</u></a>
<a href="#"><u>CX3225GB19200P0HPQZ1</u></a>	<a href="#"><u>CX3225GB20000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB22579P0HPQZ1</u></a>	<a href="#"><u>CX3225GB24000P0HPQZ1</u></a>
<a href="#"><u>CX3225GB24576P0HPQZ1</u></a>	<a href="#"><u>CX3225GB25000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB27000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB27120P0HPQZ1</u></a>
<a href="#"><u>CX3225GB30000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB32000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB33333P0HPQZ1</u></a>	<a href="#"><u>CX3225GB36000P0HPQZ1</u></a>
<a href="#"><u>CX3225GB38400P0HPQZ1</u></a>	<a href="#"><u>CX3225GB40000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB48000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB50000P0HPQZ1</u></a>
<a href="#"><u>CX3225GB54000P0HPQZ1</u></a>	<a href="#"><u>CX3225GB24576D0HEQCC</u></a>	<a href="#"><u>CX3225GB19200D0HEQCC</u></a>	<a href="#"><u>CX3225GB18432P0HPQCC</u></a>
<a href="#"><u>CX3225GB20000D0HEQCC</u></a>	<a href="#"><u>CX3225GB30000D0HPQCC</u></a>	<a href="#"><u>CX3225GB38400P0HPQCC</u></a>	<a href="#"><u>CX3225GB40000D0HPQCC</u></a>
<a href="#"><u>CX3225GB14745P0HPQCC</u></a>	<a href="#"><u>CX3225GB48000P0HPQCC</u></a>	<a href="#"><u>CX3225GB22579P0HPQCC</u></a>	<a href="#"><u>CX3225GB36000P0HPQCC</u></a>
<a href="#"><u>CX3225GB48000D0HPQCC</u></a>	<a href="#"><u>CX3225GB16000P0HPQCC</u></a>	<a href="#"><u>CX3225GB32000D0HPQCC</u></a>	<a href="#"><u>CX3225GB27000P0HPQCC</u></a>
<a href="#"><u>CX3225GB22579D0HPQCC</u></a>	<a href="#"><u>CX3225GB30000D0HEQCC</u></a>	<a href="#"><u>CX3225GB27000D0HEQCC</u></a>	<a href="#"><u>CX3225GB24000P0HPQCC</u></a>
<a href="#"><u>CX3225GB10000D0HPQCC</u></a>	<a href="#"><u>CX3225GB33333P0HPQCC</u></a>	<a href="#"><u>CX3225GB10000P0HPQCC</u></a>	<a href="#"><u>CX3225GB12000D0HPQCC</u></a>
<a href="#"><u>CX3225GB10000D0HEQCC</u></a>	<a href="#"><u>CX3225GB12288P0HPQCC</u></a>	<a href="#"><u>CX3225GB38400D0HPQCC</u></a>	<a href="#"><u>CX3225GB12000D0HEQCC</u></a>
<a href="#"><u>CX3225GB16384P0HPQCC</u></a>	<a href="#"><u>CX3225GB18432D0HEQCC</u></a>	<a href="#"><u>CX3225GB14745D0HPQCC</u></a>	<a href="#"><u>CX3225GB27000D0HPQCC</u></a>
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<a href="#"><u>CX3225GB19200D0HPQCC</u></a>	<a href="#"><u>CX3225GB38400D0HEQCC</u></a>	<a href="#"><u>CX3225GB19200P0HPQCC</u></a>	<a href="#"><u>CX3225GB33333D0HEQCC</u></a>