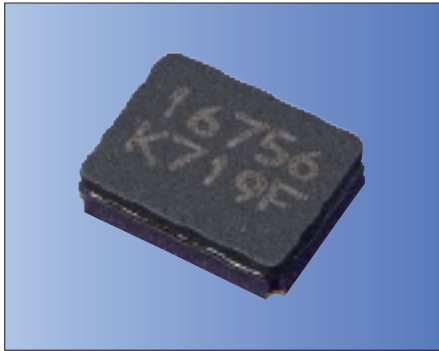




RoHS Compliant

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 ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① Series ② Frequency
 ③ Load Capacitance ④ Frequency Tolerance
D0 8 pF **H** ±20×10⁻⁶
 ⑤ Operating Temp. Range ⑥ Frequency Temp. Stability
EQ -10 to +70°C ±30×10⁻⁶
 ⑦ Individual Specification

Packaging (Tape & Reel 1000/ 3000 pcs./ reel)

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	9800 to 54000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	Please contact us for other Load Capacitance.
Frequency Tolerance	f _{tol}	±20	×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}	±30	×10 ⁻⁶	Freq. deviation from the value at 25°C

Please contact us for other specifications.

Table1 Motional Series Resistance

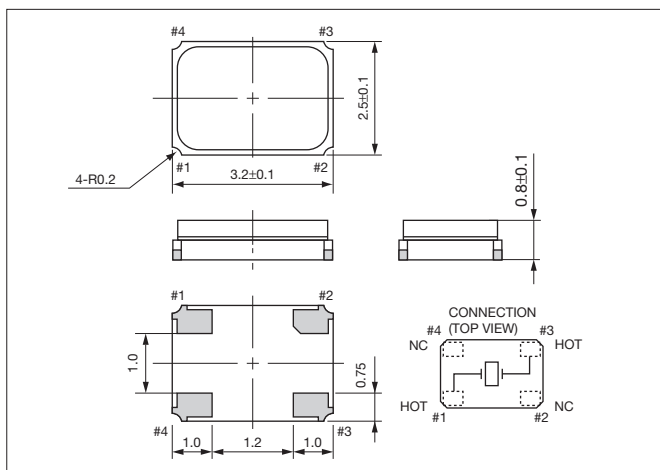
Frequency Range	Motional Series Resistance
9800≤f _{nom} <12000kHz	200Ω max.
12000≤f _{nom} <13000kHz	150Ω max.
13000≤f _{nom} <14000kHz	100Ω max.
14000≤f _{nom} <20000kHz	80Ω max.
20000≤f _{nom} <27000kHz	60Ω max.
27000≤f _{nom} ≤54000kHz	50Ω max.

Table2 Level of Drive

Frequency Range	Level of Drive
9800≤f _{nom} ≤54000kHz	10μW (100μW max.)

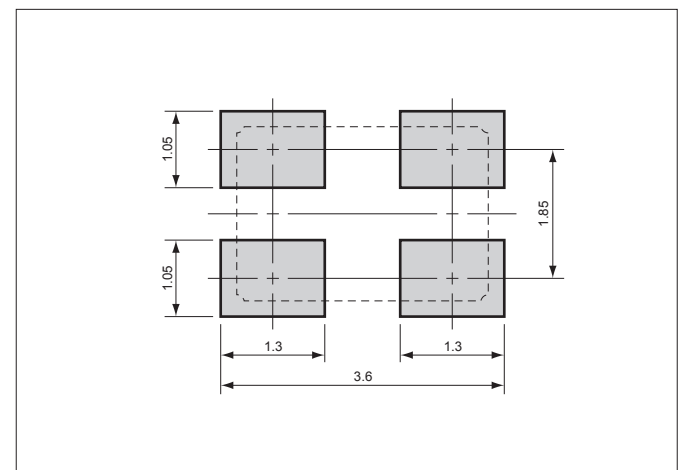
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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

AVX:

<u>CX3225GB10000D0HEQZ1</u>	<u>CX3225GB12000D0HEQZ1</u>	<u>CX3225GB16000D0HEQZ1</u>	<u>CX3225GB20000D0HEQZ1</u>
<u>CX3225GB24000D0HEQZ1</u>	<u>CX3225GB27000D0HEQZ1</u>	<u>CX3225GB32000D0HEQZ1</u>	<u>CX3225GB10000D0HPQZ1</u>
<u>CX3225GB12000D0HPQZ1</u>	<u>CX3225GB14318D0HPQZ1</u>	<u>CX3225GB16000D0HPQZ1</u>	<u>CX3225GB20000D0HPQZ1</u>
<u>CX3225GB24000D0HPQZ1</u>	<u>CX3225GB27000D0HPQZ1</u>	<u>CX3225GB32000D0HPQZ1</u>	<u>CX3225GB40000D0HPQZ1</u>
<u>CX3225GB48000D0HPQZ1</u>	<u>CX3225GB11059R0HPQ01</u>	<u>CX3225GB16000H0HPQZ1</u>	<u>CX3225GB22579D0HPQZ1</u>
<u>CX3225GB30000D0HPQZ1</u>	<u>CX3225GB19200D0HPQZ1</u>	<u>CX3225GB38400D0HPQZ1</u>	<u>CX3225GB14745D0HPQZ1</u>
<u>CX3225GB10000P0HPQZ1</u>	<u>CX3225GB12000P0HPQZ1</u>	<u>CX3225GB12288P0HPQZ1</u>	<u>CX3225GB13000P0HPQZ1</u>
<u>CX3225GB13560P0HPQZ1</u>	<u>CX3225GB14318P0HPQZ1</u>	<u>CX3225GB14745P0HPQZ1</u>	<u>CX3225GB16000P0HPQZ1</u>
<u>CX3225GB16384P0HPQZ1</u>	<u>CX3225GB18432P0HPQZ1</u>	<u>CX3225GB19200P0HPQZ1</u>	<u>CX3225GB20000P0HPQZ1</u>
<u>CX3225GB22579P0HPQZ1</u>	<u>CX3225GB24000P0HPQZ1</u>	<u>CX3225GB24576P0HPQZ1</u>	<u>CX3225GB25000P0HPQZ1</u>
<u>CX3225GB27000P0HPQZ1</u>	<u>CX3225GB27120P0HPQZ1</u>	<u>CX3225GB30000P0HPQZ1</u>	<u>CX3225GB32000P0HPQZ1</u>
<u>CX3225GB33333P0HPQZ1</u>	<u>CX3225GB36000P0HPQZ1</u>	<u>CX3225GB38400P0HPQZ1</u>	<u>CX3225GB40000P0HPQZ1</u>
<u>CX3225GB48000P0HPQZ1</u>	<u>CX3225GB50000P0HPQZ1</u>	<u>CX3225GB54000P0HPQZ1</u>	<u>CX3225GB24576D0HEQCC</u>
<u>CX3225GB19200D0HEQCC</u>	<u>CX3225GB18432P0HPQCC</u>	<u>CX3225GB20000D0HEQCC</u>	<u>CX3225GB30000D0HPQCC</u>
<u>CX3225GB38400P0HPQCC</u>	<u>CX3225GB40000D0HPQCC</u>	<u>CX3225GB14745P0HPQCC</u>	<u>CX3225GB48000P0HPQCC</u>
<u>CX3225GB22579P0HPQCC</u>	<u>CX3225GB48000D0HPQCC</u>	<u>CX3225GB16000P0HPQCC</u>	<u>CX3225GB32000D0HPQCC</u>
<u>CX3225GB27000P0HPQCC</u>	<u>CX3225GB22579D0HPQCC</u>	<u>CX3225GB27000D0HEQCC</u>	<u>CX3225GB24000P0HPQCC</u>
<u>CX3225GB10000D0HPQCC</u>	<u>CX3225GB33333P0HPQCC</u>	<u>CX3225GB10000P0HPQCC</u>	<u>CX3225GB12000D0HPQCC</u>
<u>CX3225GB10000D0HEQCC</u>	<u>CX3225GB12288P0HPQCC</u>	<u>CX3225GB38400D0HPQCC</u>	<u>CX3225GB12000D0HEQCC</u>
<u>CX3225GB16384P0HPQCC</u>	<u>CX3225GB18432D0HEQCC</u>	<u>CX3225GB14745D0HPQCC</u>	<u>CX3225GB27000D0HPQCC</u>
<u>CX3225GB13000P0HPQCC</u>	<u>CX3225GB14745D0HEQCC</u>	<u>CX3225GB19200D0HPQCC</u>	<u>CX3225GB38400D0HEQCC</u>
<u>CX3225GB19200P0HPQCC</u>	<u>CX3225GB33333D0HEQCC</u>	<u>CX3225GB40000P0HPQCC</u>	<u>CX3225GB24576P0HPQCC</u>
<u>CX3225GB25000P0HPQCC</u>	<u>CX3225GB14318D0HEQCC</u>	<u>CX3225GB27120P0HPQCC</u>	<u>CX3225GB32000P0HPQCC</u>
<u>CX3225GB14318P0HPQCC</u>	<u>CX3225GB12000P0HPQCC</u>	<u>CX3225GB24576D0HPQCC</u>	<u>CX3225GB16000D0HPQCC</u>
<u>CX3225GB24000D0HPQCC</u>	<u>CX3225GB25000D0HPQCC</u>	<u>CX3225GB54000P0HPQCC</u>	<u>CX3225GB40000D0HEQCC</u>