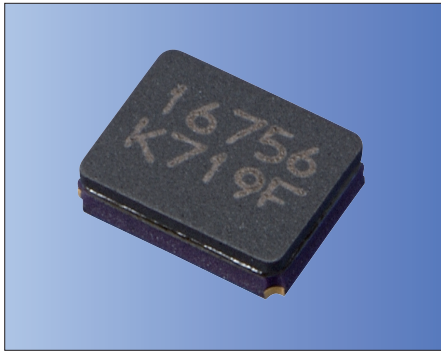




3.2×2.5mm for Consumer Products



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	②Frequency
③Load Capacitance	④Frequency Tolerance
<b>D0</b>	<b>8 pF</b>
<b>H</b>	$\pm 20 \times 10^{-6}$
⑤Operating Temp. Range	⑥Frequency Temp. Stability
<b>EQ</b>	$-10$ to $+70^\circ\text{C}$
	$\pm 30 \times 10^{-6}$

⑦Individual Specification  
(STD Specification is "CC".)

Packaging (Tape & Reel 3000 pcs./ reel)

### Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	$f_{nom}$	12000 to 54000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	Please contact us for other CL requirements.
Frequency Tolerance	$f_{tol}$	$\pm 20$	$\times 10^{-6}$	$25^\circ\text{C} \pm 3^\circ\text{C}$
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	Table 2	$\mu\text{W}$	
Operating Temp. Range	$T_{use}$	$-10$ to $+70$	$^\circ\text{C}$	
Storage Temp. Range	$T_{stg}$	$-40$ to $+85$	$^\circ\text{C}$	
Frequency Temp. Characteristics	$f_{tem}$	$\pm 30$	$\times 10^{-6}$	Freq. deviation from the value at $25^\circ\text{C}$

Please contact us for other specifications.

Table 1 Motional Series Resistance

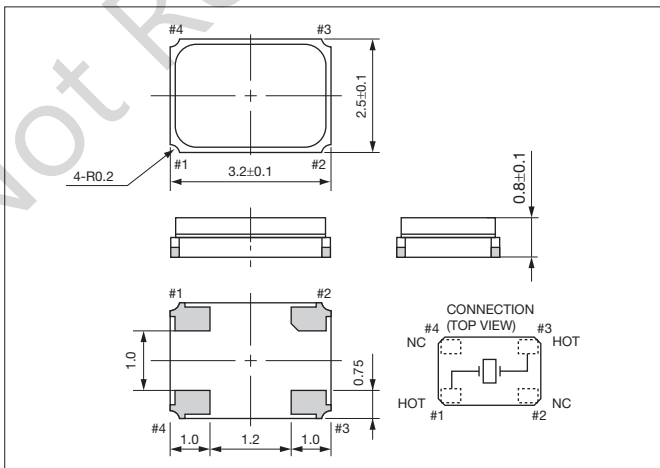
Frequency Range	Motional Series Resistance
$12000 \leq f_{nom} < 13000\text{kHz}$	150 $\Omega$ max.
$13000 \leq f_{nom} < 14000\text{kHz}$	100 $\Omega$ max.
$14000 \leq f_{nom} < 20000\text{kHz}$	80 $\Omega$ max.
$20000 \leq f_{nom} < 27000\text{kHz}$	60 $\Omega$ max.
$27000 \leq f_{nom} \leq 54000\text{kHz}$	50 $\Omega$ max.

Table 2 Level of Drive

Frequency Range	Level of Drive
$12000 \leq f_{nom} \leq 54000\text{kHz}$	10 $\mu\text{W}$ (100 $\mu\text{W}$ max.)

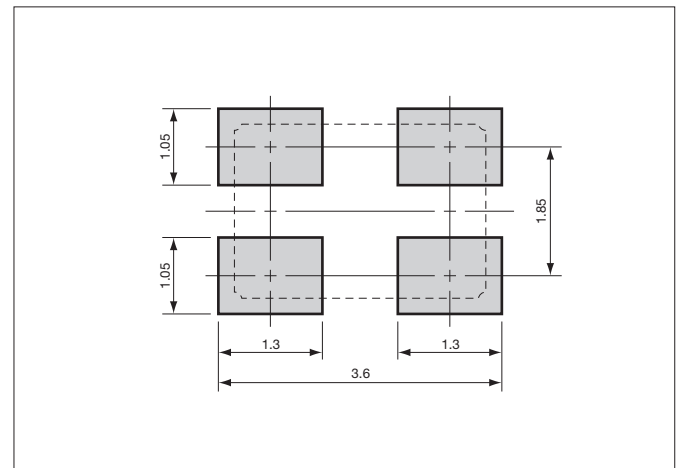
### Dimensions

(Unit: mm)



### Recommended Land Pattern

(Unit: mm)



# Mouser Electronics

Authorized Distributor

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

## KYOCERA AVX:

[CX3225GB10000D0HEQZ1](#) [CX3225GB12000D0HEQZ1](#) [CX3225GB14318D0HEQZ1](#) [CX3225GB16000D0HEQZ1](#)  
[CX3225GB20000D0HEQZ1](#) [CX3225GB24000D0HEQZ1](#) [CX3225GB25000D0HEQZ1](#) [CX3225GB27000D0HEQZ1](#)  
[CX3225GB32000D0HEQZ1](#) [CX3225GB40000D0HEQZ1](#) [CX3225GB48000D0HEQZ1](#) [CX3225GB10000D0HPQZ1](#)  
[CX3225GB12000D0HPQZ1](#) [CX3225GB14318D0HPQZ1](#) [CX3225GB16000D0HPQZ1](#) [CX3225GB20000D0HPQZ1](#)  
[CX3225GB24000D0HPQZ1](#) [CX3225GB25000D0HPQZ1](#) [CX3225GB27000D0HPQZ1](#) [CX3225GB32000D0HPQZ1](#)  
[CX3225GB40000D0HPQZ1](#) [CX3225GB48000D0HPQZ1](#) [CX3225GB11059R0HPQ01](#) [CX3225GB16000H0HPQZ1](#)  
[CX3225GB22579D0HPQZ1](#) [CX3225GB22579D0HEQZ1](#) [CX3225GB30000D0HPQZ1](#) [CX3225GB19200D0HEQZ1](#)  
[CX3225GB19200D0HPQZ1](#) [CX3225GB14745D0HEQZ1](#) [CX3225GB38400D0HPQZ1](#) [CX3225GB24576D0HEQZ1](#)  
[CX3225GB14745D0HPQZ1](#) [CX3225GB30000D0HEQZ1](#) [CX3225GB10000P0HPQZ1](#) [CX3225GB12000P0HPQZ1](#)  
[CX3225GB12288P0HPQZ1](#) [CX3225GB13000P0HPQZ1](#) [CX3225GB13560P0HPQZ1](#) [CX3225GB14318P0HPQZ1](#)  
[CX3225GB14745P0HPQZ1](#) [CX3225GB16000P0HPQZ1](#) [CX3225GB16384P0HPQZ1](#) [CX3225GB18432P0HPQZ1](#)  
[CX3225GB19200P0HPQZ1](#) [CX3225GB20000P0HPQZ1](#) [CX3225GB22579P0HPQZ1](#) [CX3225GB24000P0HPQZ1](#)  
[CX3225GB24576P0HPQZ1](#) [CX3225GB25000P0HPQZ1](#) [CX3225GB27000P0HPQZ1](#) [CX3225GB27120P0HPQZ1](#)  
[CX3225GB30000P0HPQZ1](#) [CX3225GB32000P0HPQZ1](#) [CX3225GB33333P0HPQZ1](#) [CX3225GB36000P0HPQZ1](#)  
[CX3225GB38400P0HPQZ1](#) [CX3225GB40000P0HPQZ1](#) [CX3225GB48000P0HPQZ1](#) [CX3225GB50000P0HPQZ1](#)  
[CX3225GB54000P0HPQZ1](#) [CX3225GB24576D0HEQCC](#) [CX3225GB19200D0HEQCC](#) [CX3225GB18432P0HPQCC](#)  
[CX3225GB30000D0HPQCC](#) [CX3225GB38400P0HPQCC](#) [CX3225GB40000D0HPQCC](#) [CX3225GB14745P0HPQCC](#)  
[CX3225GB48000P0HPQCC](#) [CX3225GB22579P0HPQCC](#) [CX3225GB36000P0HPQCC](#) [CX3225GB48000D0HPQCC](#)  
[CX3225GB16000P0HPQCC](#) [CX3225GB32000D0HPQCC](#) [CX3225GB27000P0HPQCC](#) [CX3225GB22579D0HPQCC](#)  
[CX3225GB24000P0HPQCC](#) [CX3225GB10000D0HPQCC](#) [CX3225GB33333P0HPQCC](#) [CX3225GB10000P0HPQCC](#)  
[CX3225GB12000D0HPQCC](#) [CX3225GB12288P0HPQCC](#) [CX3225GB38400D0HPQCC](#) [CX3225GB16384P0HPQCC](#)  
[CX3225GB14745D0HPQCC](#) [CX3225GB27000D0HPQCC](#) [CX3225GB13000P0HPQCC](#) [CX3225GB14745D0HEQCC](#)  
[CX3225GB18432D0HPQCC](#) [CX3225GB19200D0HPQCC](#) [CX3225GB19200P0HPQCC](#) [CX3225GB40000P0HPQCC](#)  
[CX3225GB24576P0HPQCC](#) [CX3225GB22579D0HEQCC](#) [CX3225GB25000P0HPQCC](#) [CX3225GB14318D0HEQCC](#)  
[CX3225GB27120P0HPQCC](#) [CX3225GB32000P0HPQCC](#) [CX3225GB14318P0HPQCC](#) [CX3225GB12000P0HPQCC](#)