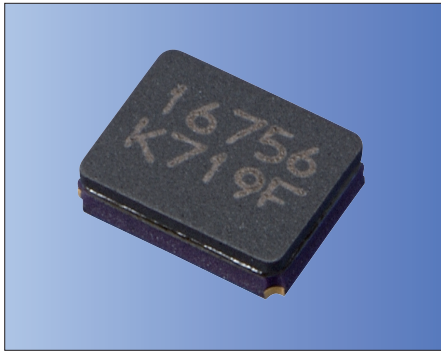




3.2×2.5mm for Consumer Products



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
- ⑤Operating Temp. Range
- ⑥Frequency Temp. Stability
- 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}	±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.

Table 1 Motional Series Resistance

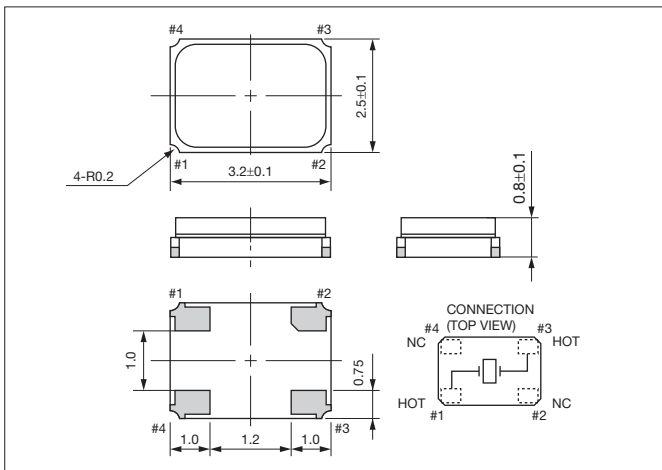
Frequency Range	Motional Series Resistance
12000 ≤ f _{nom} < 13000kHz	150 Ω max.
13000 ≤ f _{nom} < 14000kHz	100 Ω max.
14000 ≤ f _{nom} < 20000kHz	80 Ω max.
20000 ≤ f _{nom} < 27000kHz	60 Ω max.
27000 ≤ f _{nom} ≤ 54000kHz	50 Ω max.

Table 2 Level of Drive

Frequency Range	Level of Drive
12000 ≤ f _{nom} ≤ 54000kHz	10μW (100μW max.)

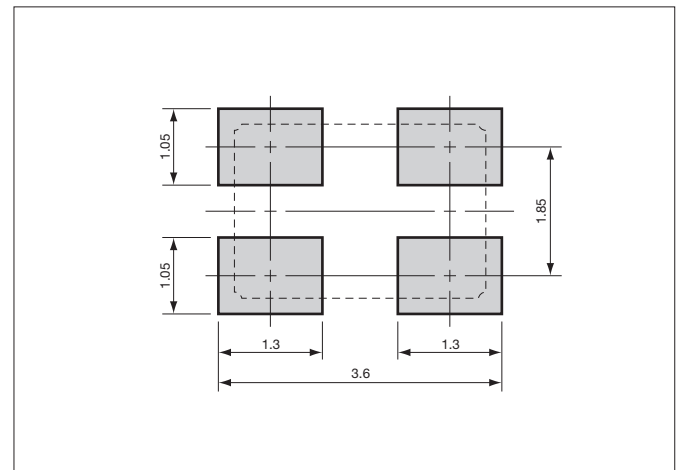
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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

AVX:

[CX3225GB16000H0HPQZ1](#)

Kyocera:

[CX3225GB10000D0HEQZ1](#) [CX3225GB12000D0HEQZ1](#) [CX3225GB14318D0HEQZ1](#) [CX3225GB16000D0HEQZ1](#)
[CX3225GB20000D0HEQZ1](#) [CX3225GB24000D0HEQZ1](#) [CX3225GB25000D0HEQZ1](#) [CX3225GB27000D0HEQZ1](#)
[CX3225GB32000D0HEQZ1](#) [CX3225GB40000D0HEQZ1](#) [CX3225GB48000D0HEQZ1](#) [CX3225GB10000D0HPQZ1](#)
[CX3225GB12000D0HPQZ1](#) [CX3225GB14318D0HPQZ1](#) [CX3225GB16000D0HPQZ1](#) [CX3225GB20000D0HPQZ1](#)
[CX3225GB24000D0HPQZ1](#) [CX3225GB25000D0HPQZ1](#) [CX3225GB27000D0HPQZ1](#) [CX3225GB32000D0HPQZ1](#)
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[CX3225GB22579D0HEQZ1](#) [CX3225GB30000D0HPQZ1](#) [CX3225GB19200D0HEQZ1](#) [CX3225GB19200D0HPQZ1](#)
[CX3225GB14745D0HEQZ1](#) [CX3225GB38400D0HPQZ1](#) [CX3225GB24576D0HEQZ1](#) [CX3225GB14745D0HPQZ1](#)
[CX3225GB30000D0HEQZ1](#) [CX3225GB10000P0HPQZ1](#) [CX3225GB12000P0HPQZ1](#) [CX3225GB12288P0HPQZ1](#)
[CX3225GB13000P0HPQZ1](#) [CX3225GB13560P0HPQZ1](#) [CX3225GB14318P0HPQZ1](#) [CX3225GB14745P0HPQZ1](#)
[CX3225GB16000P0HPQZ1](#) [CX3225GB16384P0HPQZ1](#) [CX3225GB18432P0HPQZ1](#) [CX3225GB19200P0HPQZ1](#)
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[CX3225GB30000D0HPQCC](#) [CX3225GB38400P0HPQCC](#) [CX3225GB40000D0HPQCC](#) [CX3225GB14745P0HPQCC](#)
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[CX3225GB16000P0HPQCC](#) [CX3225GB32000D0HPQCC](#) [CX3225GB27000P0HPQCC](#) [CX3225GB22579D0HPQCC](#)
[CX3225GB30000D0HEQCC](#) [CX3225GB27000D0HEQCC](#) [CX3225GB24000P0HPQCC](#) [CX3225GB10000D0HPQCC](#)
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[CX3225GB12288P0HPQCC](#) [CX3225GB38400D0HPQCC](#) [CX3225GB12000D0HEQCC](#) [CX3225GB16384P0HPQCC](#)
[CX3225GB18432D0HEQCC](#) [CX3225GB14745D0HPQCC](#) [CX3225GB27000D0HPQCC](#) [CX3225GB13000P0HPQCC](#)
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