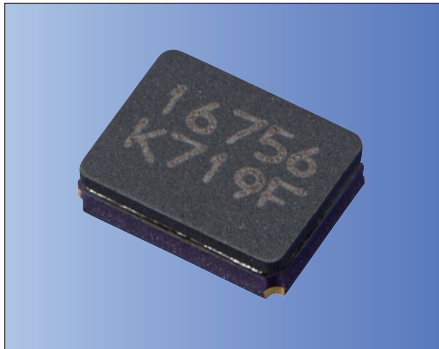




3.2×2.5mm for Consumer Products



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 ±20×10⁻⁶

④Operating Temp. Range ⑥Frequency Temp. Stability

EQ -10 to +70°C

±30×10⁻⁶

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}	±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

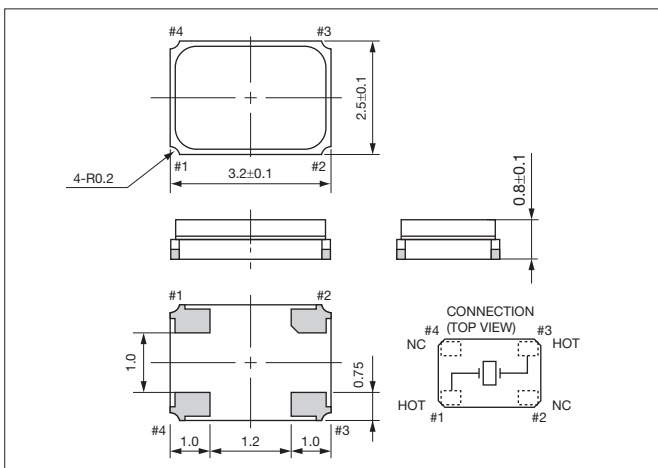
Frequency Range	Motional Series Resistance
12000≤f _{nom} <13000kHz	150 Ω max.
13000≤f _{nom} <14000kHz	100 Ω max.
14000≤f _{nom} <20000kHz	80 Ω max.
20000≤f _{nom} <27000kHz	60 Ω max.
27000≤f _{nom} ≤54000kHz	50 Ω max.

Table 2 Level of Drive

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

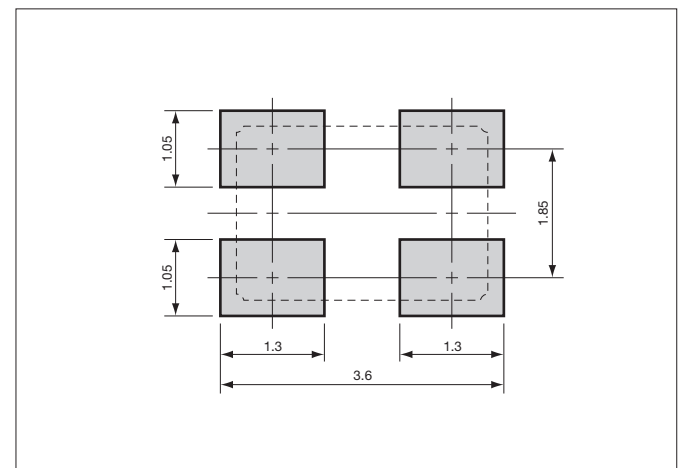
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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

Kyocera:

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
CX3225GB20000D0HEQCC	CX3225GB30000D0HPQCC	CX3225GB38400P0HPQCC	CX3225GB40000D0HPQCC
CX3225GB14745P0HPQCC	CX3225GB48000P0HPQCC	CX3225GB22579P0HPQCC	CX3225GB36000P0HPQCC
CX3225GB48000D0HPQCC	CX3225GB16000P0HPQCC	CX3225GB32000D0HPQCC	CX3225GB27000P0HPQCC
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CX3225GB10000D0HEQCC	CX3225GB12288P0HPQCC	CX3225GB38400D0HPQCC	CX3225GB12000D0HEQCC
CX3225GB16384P0HPQCC	CX3225GB18432D0HEQCC	CX3225GB14745D0HPQCC	CX3225GB27000D0HPQCC
CX3225GB13000P0HPQCC	CX3225GB25000D0HEQCC	CX3225GB14745D0HEQCC	CX3225GB18432D0HPQCC
CX3225GB19200D0HPQCC	CX3225GB38400D0HEQCC	CX3225GB19200P0HPQCC	CX3225GB33333D0HEQCC