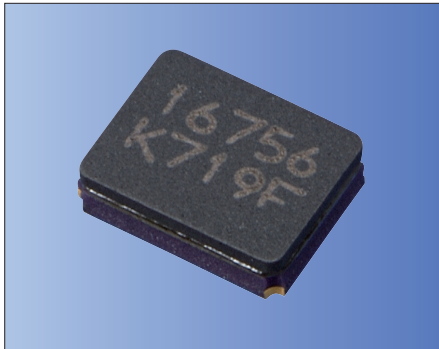




3.2×2.5mm for Consumer Products



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

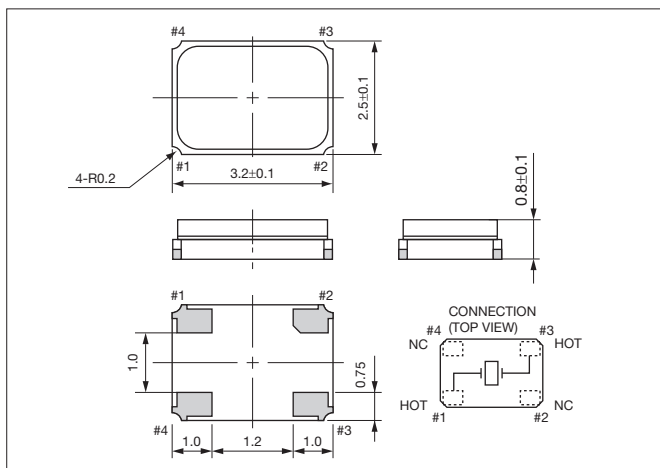
Frequency Range	Motional Series Resistance
12000≤f _{nom} <13000kHz	150 Ω max.
13000≤f _{nom} <14000kHz	100 Ω max.
14000≤f _{nom} <20000kHz	80 Ω max.
20000≤f _{nom} <27000kHz	60 Ω max.
27000≤f _{nom} ≤54000kHz	50 Ω max.

Table 2 Level of Drive

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

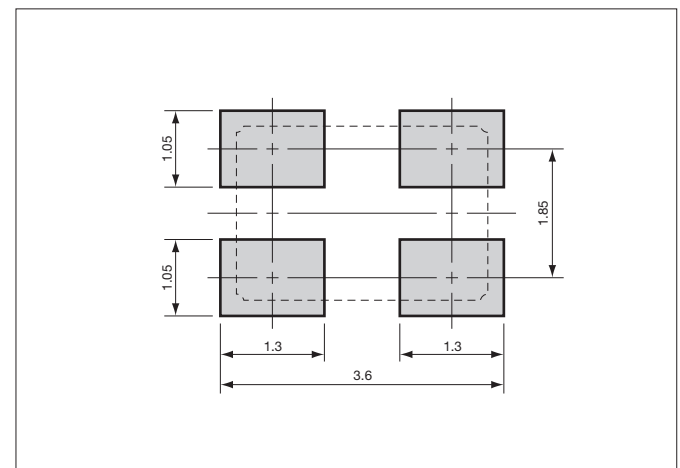
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Mouser Electronics

Authorized Distributor

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

Kyocera:

[CX-96F-040.000-E0107](#) [KSX-35-16368KAC-MF0R](#) [ST4115SB32768E0HPWZZ](#) [ST4115SB32768H5HPWZZ](#)
[CX101F-040.000-H0445](#) [CX49GFWB04000H0PESZZ](#) [CX49GFWB04915H0PESZZ](#) [CX49GFWB06000H0PESZZ](#)
[CX49GFWB08000H0PESZZ](#) [CX49GFWB12000H0PESZZ](#) [CX49GFWB14318H0PESZZ](#) [CX49GFWB16000H0PESZZ](#)
[CX49GFWB18432H0PESZZ](#) [CX49GFWB20000H0PESZZ](#) [CX49GFWB24000H0PESZZ](#) [CX49GFWB27000H0PESZZ](#)
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