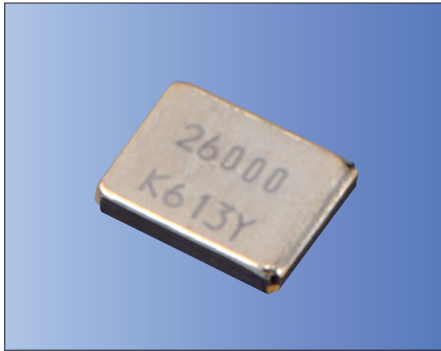




2.0×1.6mm for Consumer Products/ Mobile Communications



RoHS Compliant

Features

- Crystal unit for Consumer Products
- Ultra-miniature and low profile (2.0×1.6×0.40mm)
- Ceramic package
- Reflow compatible

Applications

- Digital Electronics
- Consumer Products
- Mobile Communications, Bluetooth*, Wireless LAN

* Bluetooth* Trademarks are owned by Bluetooth SIG Inc.

How to Order

CX2016DB 27000 D0 G □ J CC
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series
 - ② Frequency
 - ③ Load Capacitance
 - ④ Frequency Tolerance
 - ⑤ Operating Temp. Range
 - ⑥ Frequency Temp. Stability
 - ⑦ Individual Specification (STD Specification is "CC")
- | | | | |
|----|--------------|---|----------------------|
| D0 | 8 pF | G | ±15×10 ⁻⁶ |
| EJ | -10 to +70°C | | ±15×10 ⁻⁶ |
| LN | -30 to +85°C | | ±25×10 ⁻⁶ |

Packaging (Tape & Reel 1000/ 3000/ 15000 pcs./ reel)

Specifications

Item	Symbol	Specification	Units	Remarks
Frequency Range	f _{nom}	16000 to 60000	kHz	
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	Please contact us for other CL requirements.
Frequency Tolerance	f _{tol}	±15	×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	-30 to +85
Storage Temp. Range	T _{stg}	-40 to +85	°C	
Frequency Temp. Characteristics	f _{tem}	±15	×10 ⁻⁶	Freq. deviation from the value at 25°C

Please contact us for other specifications.

Table 1 Motional Series Resistance

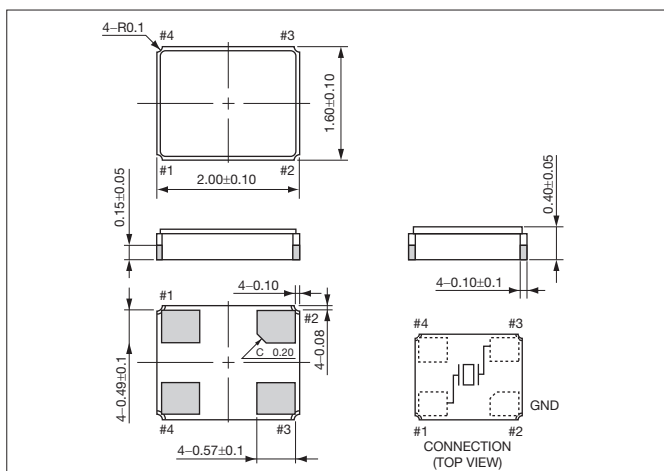
Frequency Range	Motional Series Resistance
16000≤f _{nom} <18000kHz	200Ω max.
18000≤f _{nom} <26000kHz	150Ω max.
26000≤f _{nom} <40000kHz	60Ω max.
40000≤f _{nom} ≤60000kHz	50Ω max.

Table 2 Level of Drive

Frequency Range	Level of Drive
16000≤f _{nom} ≤60000kHz	10μW (100μW max.)

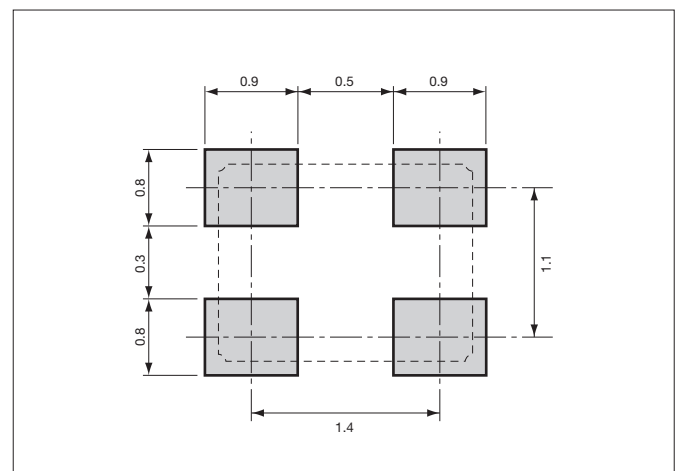
Dimensions

(Unit: mm)





Recommended Land Pattern

(Unit: mm)






Looking for pricing, stock, or lifecycle information?

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-  [View CX2016DB39062K0KJSC1 on WIN SOURCE](#)
-  [AVX Corp/Kyocera Corp Information](#)

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-  Obsolete Management
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-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management