



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

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How to Order

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

①Series

②Frequency

③Load Capacitance

D0 8 pF

④Frequency Tolerance

G $\pm 15 \times 10^{-6}$

⑤Operating Temp. Range

LL -30 to +85°C

⑥Frequency Temp. Stability

$\pm 20 \times 10^{-6}$

⑦Individual Specification

(STD Specification is "CC".)

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

Specifications

Item	Symbol	Specification	Unit	Remarks
Frequency Range	f_{nom}	16, 20, 24, 25, 26, 27, 30, 32, 37.4, 38.4, 40, 48, 50	MHz	Please contact us for other frequency range.
Overtone Order	OT	Fundamental	—	
Load Capacitance	CL	8	pF	Please contact us for other CL requirements.
Frequency Tolerance	f_{tol}	± 15	$\times 10^{-6}$	25°C \pm 3°C
Motional Series Resistance	R1	Table 1	ohm	
Drive Level	DL	10 μ W(100 μ W max.)	μ W	
Operating Temp. Range	T_{use}	-30 to +85	°C	
Storage Temp. Range	T_{stg}	-40 to +85	°C	
Frequency Temp. Characteristics	f_{tem}	± 20	$\times 10^{-6}$	Freq. deviation from the value at 25°C

Please contact us for other specifications.

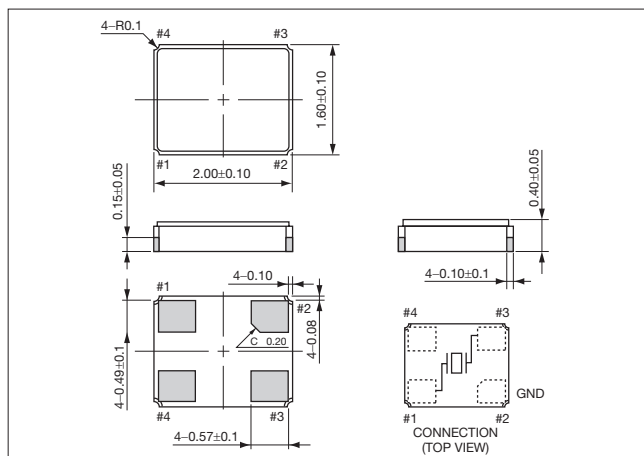
Table 1 Motional Series Resistance

Please contact us for other frequency range.

Frequency	Motional Series Resistance
16MHz	200 Ω max.
20MHz	150 Ω max.
32MHz	60 Ω max.
50MHz	50 Ω max.

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

