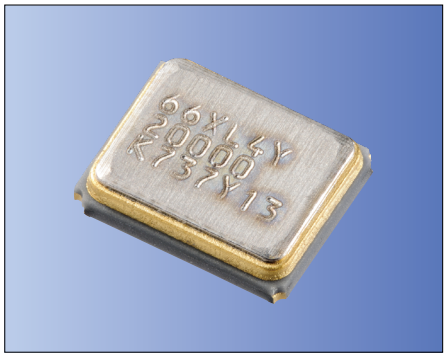
2.0×1.6mm for Consumer Products/ Mobile Communication/ Automotive



AEC-Q200 RoHS Compliant

Features

- Support a wide range of applications
- Ultra-miniature and low profile (2.05×1.65×0.45mm)
- Ceramic package
- Reflow compatible

Applications

- ECU
- Automotive Camera
- Digital Electronics
- Mobile Communication

How to Order

CX2016SA 20000 D0 G S S CC
① ② ③ ④ ⑤ ⑥ ⑦

①Series
②Frequency
③Load Capacitance

D0	8 pF

④Frequency Tolerance

G	±15×10^{-6}

⑤Operating Temp. Range ⑥Frequency Temp. Stability

SS	−40 to +125°C	±50×10^{-6}
TW	−40 to +150°C	±200×10^{-6}
LL	−30 to +85°C	±20×10^{-6}

⑦Individual Specification
(STD Specification is "CC".)

Packaging (Tape & Reel 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			×10^{-6}	25°C±3°C
Motional Series Resistance	R1	Table 1			ohm	
Drive Level	DL	10μW(200μW max.)			μW	
Operating Temp. Range	T_{use}	−40 to +125	−40 to +150	−30 to +85	°C	
Storage Temp. Range	T_{stg}	−40 to +150			°C	
Frequency Temp. Characteristics	f_{tem}	±50	±200	±20	×10^{-6}	Freq. deviation from the value at 25°C

Please contact us for other specifications.

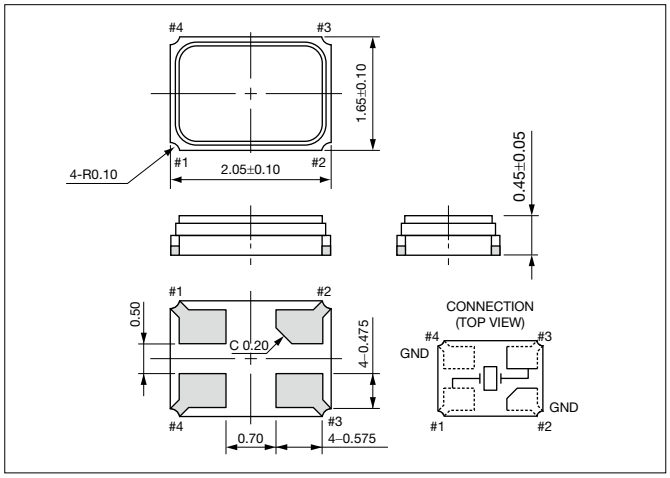
Table 1 Motional Series Resistance

Please contact us for other frequency range.

Frequency Range	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)

