



2.0×1.6mm for Consumer Products/ Automotive



### 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
- Consumer Products

### How to Order

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

①Series

②Frequency

③Load Capacitance

④Frequency Tolerance

D0 8 pF G ±15×10<sup>-6</sup>

⑤Operating Temp. Range ⑥Frequency Temp. Stability

<u>SS</u>	-40 to +125°C	±50×10 <sup>-6</sup>
<u>TW</u>	-40 to +150°C	±200×10 <sup>-6</sup>
<u>LL</u>	-30 to +85°C	±20×10 <sup>-6</sup>

⑦Individual Specification

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

### Specifications

Item	Symbol	Specification			Unit	Remarks
Frequency Range	f <sub>nom</sub>	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 <sub>tol</sub>	±15			×10 <sup>-6</sup>	25°C±3°C
Motional Series Resistance	R1	Table 1			ohm	
Drive Level	DL	10μW(200μW max.)			μW	
Operating Temp. Range	T <sub>use</sub>	-40 to +125	-40 to +150	-30 to +85	°C	
Storage Temp. Range	T <sub>stg</sub>	-40 to +150			°C	
Frequency Temp. Characteristics	f <sub>tem</sub>	±50	±200	±20	×10 <sup>-6</sup>	Freq. deviation from the value at 25°C

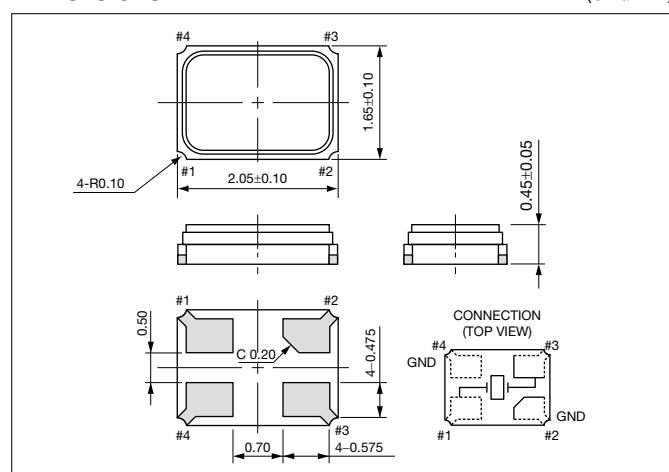
Please contact us for other specifications.

**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)

