



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

| | |
|-------------------------|-----------------------------|
| ① Series | ② Frequency |
| ③ Load Capacitance | ④ Frequency Tolerance |
| D0 8 pF | G ±15×10 ⁻⁶ |
| ⑤ Operating Temp. Range | ⑥ Frequency Temp. Stability |
| SS -40 to +125°C | ±50×10 ⁻⁶ |
| TW -40 to +150°C | ±200×10 ⁻⁶ |

⑦ Individual 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 | °C | |
| Storage Temp. Range | T _{stg} | -40 to +150 | °C | |
| Frequency Temp. Characteristics | f _{tem} | ±50 ±200 | ×10 ⁻⁶ | Freq. deviation from the value at 25°C |

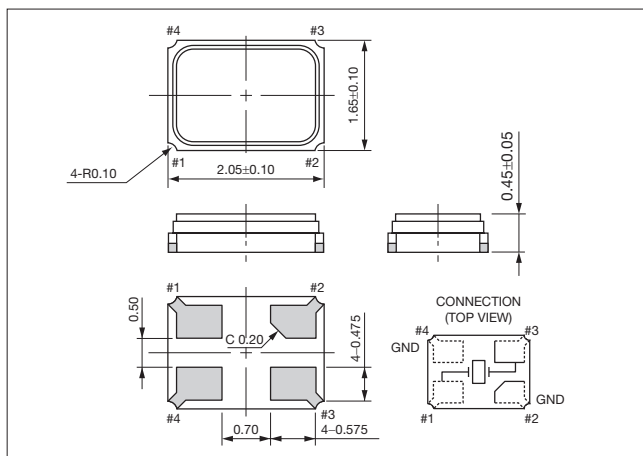
Please contact us for other specifications.

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)

