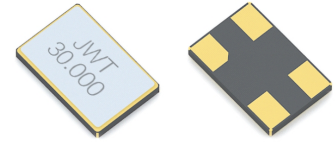




# 2.0x1.6mm SMD Crystal

## CN Series



### Product Features

1. High precision, Stability, Consistency
2. Ultra miniaturization
3. ROHS/REACH Compliant
4. Wide operating temperature

### Applications

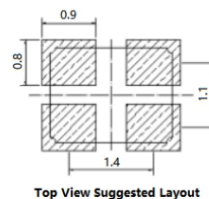
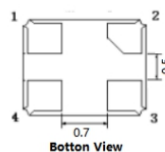
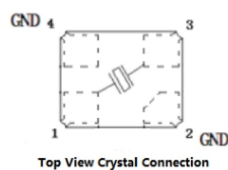
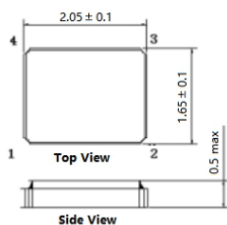
1. Network communication
2. Intelligent healthcare
3. Intelligent wearing
4. Smart home
5. Smart phones
6. PC Digital

### Specifications

|                                                   |                      |                  |             |
|---------------------------------------------------|----------------------|------------------|-------------|
| Model                                             | CN2016               |                  |             |
| Nominal frequency range                           | 16.000~96.000MHz     |                  |             |
| Oscillation mode                                  | Fundamental (AT-cut) |                  |             |
| Frequency tolerance at 25°C±3°C                   | ±10ppm               |                  |             |
| Operating temperature range                       | -20°C~70°C           | -40°C~85°C       | -40°C~125°C |
| Frequency stability over temperature(Ref.to 25°C) | ±10ppm               | ±20ppm           | ±30ppm      |
| Storage temperature range                         | -55°C~125°C          |                  |             |
| Equivalent series resistance                      | 150~80Ω              | 16.000~19.999MHz |             |
|                                                   | 80~60Ω               | 20.000~29.999MHz |             |
|                                                   | 60~40Ω               | 30.000~53.999MHz |             |
|                                                   | 40~25Ω               | 54.000~96.000MHz |             |
| Load capacitance                                  | Customized           |                  |             |
| Shunt capacitance max                             | 3.0pF                |                  |             |
| Drive level max                                   | 200uW                |                  |             |
| Aging at first year                               | ±3.0ppm              |                  |             |

Notes: The above parameters are for normal demands, If you have any different demands, Please contact us.

### Dimensions (Unit: mm)



| Pin | Function |
|-----|----------|
| #1  | Xtal     |
| #2  | GND      |
| #3  | Xtal     |
| #4  | GND      |