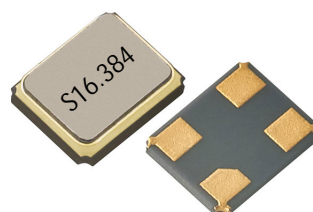


Product Features

1. High precision and high frequency stability
2. Extremely good for reducing EMI effect
3. Provide clean and stable reference clock to a wide variety of ICs
4. The best choice of Bluetooth , Wi-Fi and other short range wireless communication
5. RoHS and REACH Compliant , Pb-free , Halogen-free
6. Industry Standard Package :
3.2 x 2.5 x 0.7 mm (XC Series)

Application :

- Wireless Communication
- CPE , Router , Ethernet Switch , Gateway , Set-Top Box
- Notebook , Tablet , Server , Cloud
- Industry



Test condition

Ambient temperature : $25 \pm 5^\circ\text{C}$

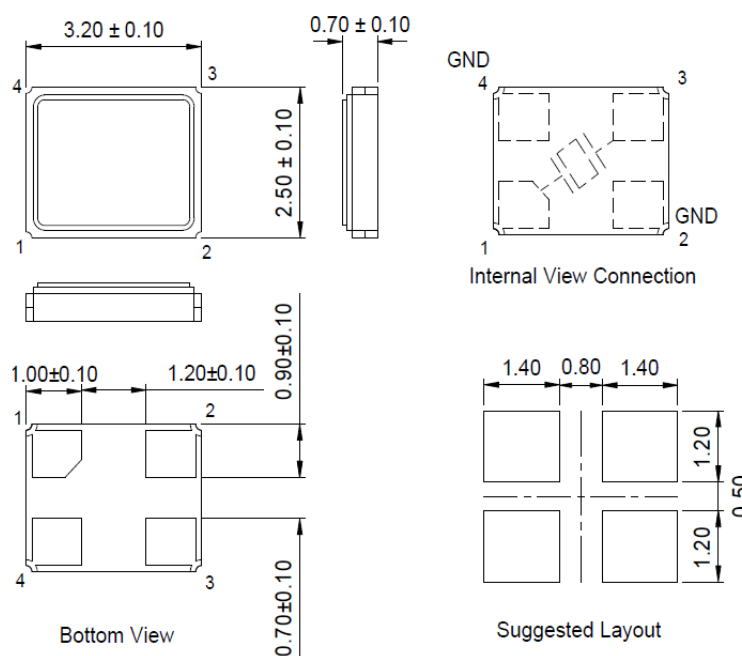
Relative humidity : 40% ~ 70%

● Table 1 . Electrical Specifications

| Parameters | Symbol | Min. | Typ. | Max. | Units | Notes |
|--|--------|------------------|------|------|------------------|--|
| Nominal Frequency | F | 8 ~ 80 | | | MHz | |
| Frequency Tolerance | FT | ± 10 | | | ppm | @ $25^\circ\text{C} \pm 3^\circ\text{C}$ |
| Frequency Stability Over Operating Temp. Range (Reference 25°C) | ST | $\pm 20, \pm 30$ | | | ppm | @ $-40 \sim 85^\circ\text{C}$ |
| | | $\pm 50, \pm 80$ | | | | @ $-40 \sim 125^\circ\text{C}$ |
| Operating Temperature | Topr | -40 | 25 | 125 | $^\circ\text{C}$ | |
| Load Capacitance | CL | 6~20,or specify | | | pF | |
| Drive Level | DL | - | 100 | 300 | μW | |
| Equivalent Series Resistance | ESR | - | - | 200 | Ohm | 8~12MHz |
| | | - | - | 80 | | 12~16MHz |
| | | - | - | 50 | | 16~40MHz |
| | | - | - | 30 | | >40MHz |
| Aging | - | $\pm 3, \pm 5$ | | | ppm | 1st Year |

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

● Dimensions



(Unit : mm)