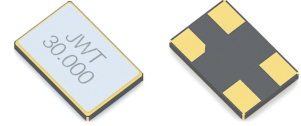


1.6x1.2mm SMD Crystal CO Series



Product Features

1. High precision, Stability, Consistency
2. Ultra small and ultra-thin
3. ROHS/REACH Compliant
4. Wide operating temperature

Applications

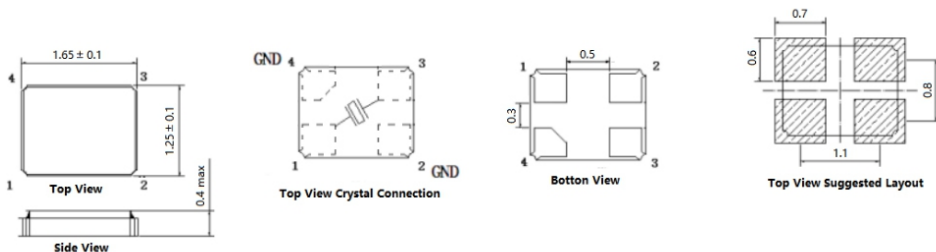
1. High end medical
2. Intelligent wearing
3. Smart home
4. Communication microbase station

Specifications

| | | | |
|---|----------------------|------------------|-------------|
| Model | CO1612 | | |
| Nominal frequency range | 24.000~96.000MHz | | |
| 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 | 100~80Ω | 24.000~29.999MHz | |
| | 80~60Ω | 30.000~53.999MHz | |
| | 60~30Ω | 54.000~96.000MHz | |
| Load capacitance | Customized | | |
| Shunt capacitance max | 3.0pF | | |
| Drive level max | 100uW | | |
| 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 |