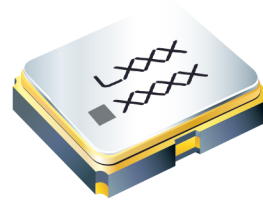


SMD Crystal Oscillators- CMOS Output 2.5 x 2.0 x 0.8 mm Series



产品特点

- 超小型SMD接缝密封时钟晶体振荡器单元。
- 应用于WLAN, 蓝牙, DSC, DSL和其他IT产品。
- 三态功能可用。
- 符合RoHS和无铅。

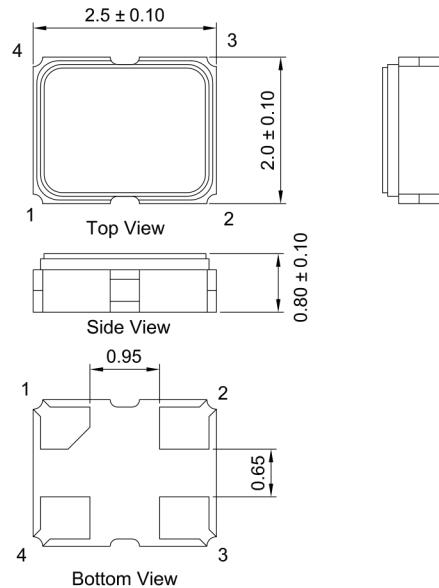
Features

- Ultra Small SMD seam sealed clock crystal oscillator units.
- For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- Tri-state function available.
- RoHS Compliant / Pb Free.

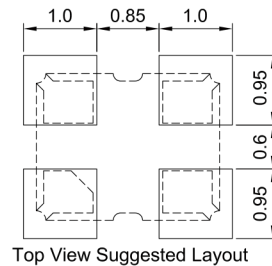
电气规格 Electrical Specifications

| Item/Type | Description |
|--|-----------------------------------|
| 输出类型 Output Type | CMOS |
| 输出负载 Output Load | 15 pF ,or specify |
| 振荡模式 Oscillation Mode | Fundamental / 3rd Overtone |
| 电源电压 Supply Voltage | 3.3 V (1.8 V , 2.5 V available) |
| 频率范围 Frequency Range | 4 ~ 75 MHz |
| 频率稳定 Overall Frequency Stability* | ±25 ppm, ±50 ppm |
| 工作温度 Operating Temperature Range | - 10 ~ + 70°C , - 40 ~ + 85°C |
| 储存温度 Storage Temperature Range | - 55 ~ + 125°C |
| TR / TF Rise (Tr) / Fall (Tf) Time | 5ns Max. |
| 电源电流 Supply Current | 10 mA Max. |
| 对称性 Symmetry | 40 ~ 55 % |
| 启动时间 Start-up Time | 5 mS Max. |
| 相位抖动 Phase Jitter (12 KHz ~ 20 MHz) | 1 pS Max. |

尺寸图 Dimensions



PAD FUNCTION:
1: ENABLE CONTROL
2: GND
3: OUT
4: VDD



Units: mm

物料编码 Material code

| | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|-------------------------------------|--|--|----------------|--|---------|--|---------------------|--|----|--|-----|--|--|
| L | 2 | 2 | 8 | W | O | | | | | | | | | | | | | |
| SMD2.50 ×2.00 | | | | | | | | | | | | | | | | | | |
| | | | | | Sense Number D-Divided M-Multify | | | Frequency(KHz) | | Voltage | | Frequency Tolerance | | CL | | ESR | | |