

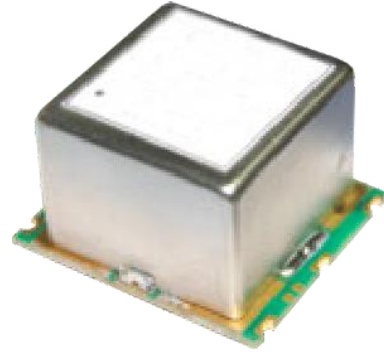
Size: 25.4×22.1×11.0 mm



深圳市锐晶电子有限公司  
Shenzhen Rojon Electronics Co.,LTD.

## Features

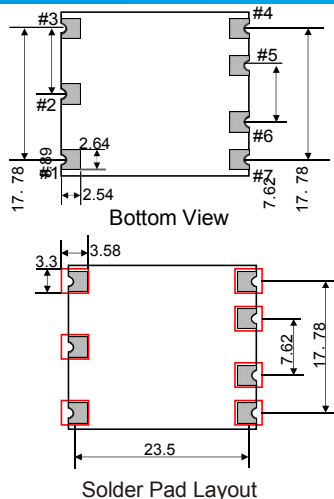
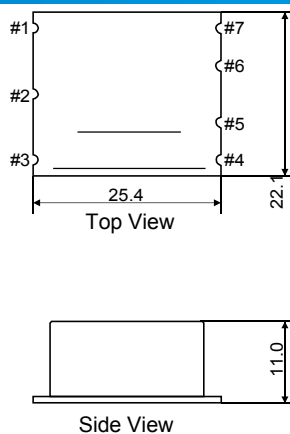
- Dimension 25.4×22.1×11.0mm.
- SC or AT Cut crystal
- Low phase noise.
- Surface Mount Package.
- Reflow soldering and automatic mounting.
- Application for Base station, Measuring equipment, Synthesizer , Digital switch , Test equipment, etc.



## Electrical Specifications

| Item /Type                       |                     |          | 5X (SMD OXCO)                                      |
|----------------------------------|---------------------|----------|----------------------------------------------------|
| Output Type                      |                     |          | HCMOS                                              |
| Output Load                      |                     |          | 15pF                                               |
| Output Frequency range           |                     |          | 5MHz~40MHz                                         |
| Output Wave Form                 |                     |          | Rectangular                                        |
| Supply Voltage                   |                     |          | 3.3V / 5.0V                                        |
| Operating Temperature Range      |                     |          | -30~+70°C, or specify                              |
| Frequency Stability              | Frequency Tolerance |          | ±10ppb Max.                                        |
|                                  | Vs. Temperature     |          | ±10ppb Max.                                        |
|                                  | Vs. Supply Voltage  |          | ±0.5ppb Max.                                       |
|                                  | Vs. Aging           | Daily    | ±0.5ppb Max.                                       |
|                                  |                     | Yearly   | ±50ppb Max.                                        |
|                                  |                     | 10 years | ±0.4ppm Max.                                       |
| 0 Level Output Voltage (Max.)    |                     |          | 10% VDD                                            |
| 1 Level Output Voltage (Min.)    |                     |          | 90% VDD                                            |
| Symmetry                         |                     |          | 45~55%                                             |
| Spurious                         |                     |          | -60dBc                                             |
| Warm-up                          |                     |          | ±10ppb (In 5 minutes @ +25°C,referenced to 1 hour) |
| Power Consumption (Steady state) |                     |          | 1.2W Max.                                          |
| Phase Noise                      | Offset 10Hz         |          | -120Bc/Hz                                          |
|                                  | Offset 100Hz        |          | -135dBc/Hz                                         |
|                                  | Offset 1KHz         |          | -145dBc/Hz                                         |
|                                  | Offset 10KHz        |          | -150dBc/Hz                                         |
| Dimension (L×W×H)                |                     |          | 25.4×22.1×11.0 mm                                  |

## Dimensions



PAD FUNCTION: Units:mm

- #1: Vco Input /NC
- #2: Reference Voltage /NC
- #3: +VDD
- #4: R.F Output
- #5: Oven Monitor / NC
- #6: 0 Volts & Case
- #7: 0 Volts & Case

