

Oven Controlled Crystal Oscillator



Size: 36.3×27.2×12.7 mm

6X Series Thru-Hole OCXO

Features

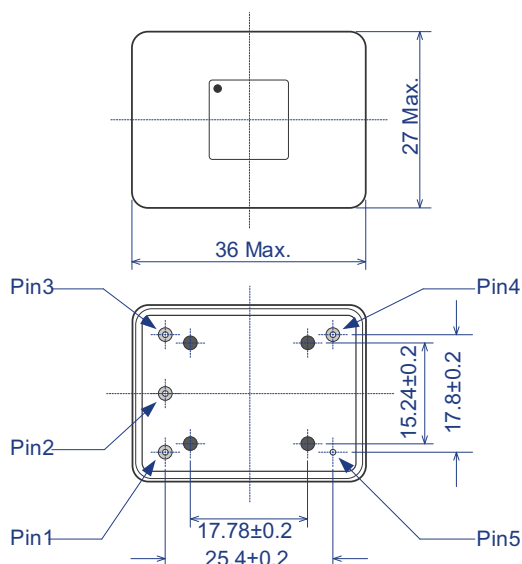
- Small size OCXO 36.3×27.2×12.7mm.
- Adobt SC-Cut resonator.
- Low phase noise.
- Stratum 3 (Overall ±4.6 ppm including 10 years aging.)
- Application for Base station, Measuring equipment, Synthesizer , Digital switch , Reference Timing Circuit, etc.
- RoHS Compliant.



Electrical Specifications

| Item /Type | | 6X (Thru-Hole OCXO) |
|-------------------------------|---------------------|-----------------------|
| Output Type | | LVTTL /Sine Wave |
| Output Load | | 15pF |
| Output Frequency range | | 5MHz~100MHz |
| Frequency Control Voltage | | 5V±0.2V / 12V±0.5V |
| Supply Voltage | | 5.0V / 12V |
| Operating Temperature Range | | -30~+70°C, or specify |
| Frequency Stability | Frequency Tolerance | ±100ppb Max. |
| | Vs. Temperature | ±20ppb Max. |
| | Vs. Supply Voltage | ±5ppb Max. |
| | Vs. Aging | ±10ppb Max. |
| 0 Level Output Voltage (Max.) | | 10% VDD |
| 1 Level Output Voltage (Min.) | | 90% VDD |
| Symmetry | | 45~55% |
| Frequency Adjustment Range | | ±0.5ppm |
| Power Consumption | Warm-up | 3W Max. |
| | Steady State | 1W Max. |
| Phase Noise | Offset 10Hz | -130Bc/Hz |
| | Offset 100Hz | -140dBc/Hz |
| | Offset 1KHz | -145dBc/Hz |
| | Offset 10KHz | -150dBc/Hz |
| Dimension (L×W×H) | | 36.3×27.2×12.7 mm |

Dimensions



Units:mm

- Pin function:
- Pin 1: Vc
 - Pin 2: N.C./Vref (Option)
 - Pin 3: Vcc
 - Pin 4: Output
 - Pin 5: Ground