

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.

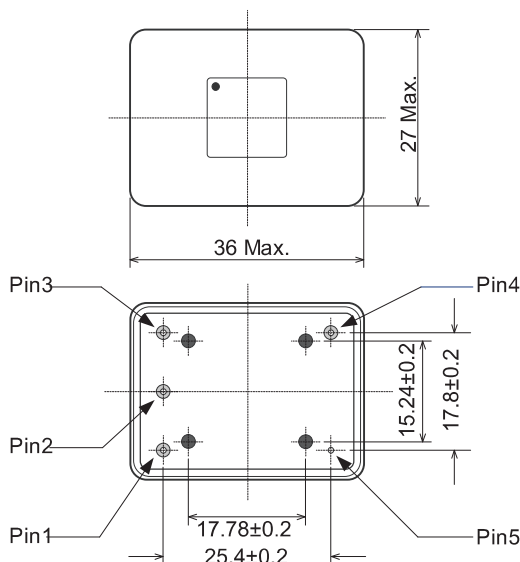


Electrical Specifications

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