

Oven Controlled Crystal Oscillator

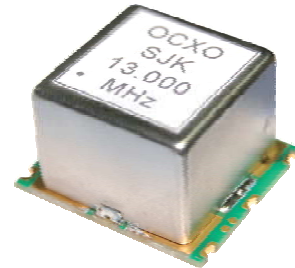


Size: 25.4×22.1×11.0 mm

5X Series SMD OCXO

Features

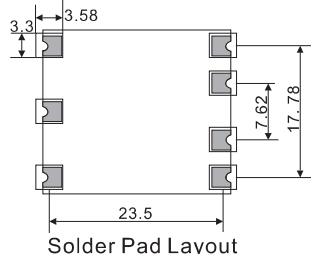
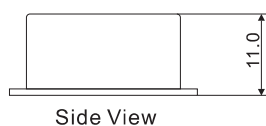
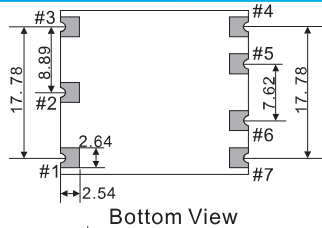
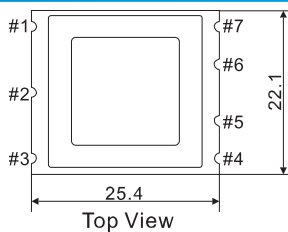
- Dimension 25.4×22.1×11.0mm.
- SC or AT Cut crystal
- Low phase noise.
- Surface Mount Package.
- Reflow soldering and automatic mounting.
- Application for Base station, Measuring equipment, Synthesizer, Digital switch, Test equipment, etc.



Electrical Specifications

Item /Type		5X (SMD OCXO)
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
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