

# OCXO-2X



## APPLICATIONS

- Time base/ Digital switch
- Measuring equipment synthesizer
- Reference timing system

## FEATURE

- SC-Cut based OCXO designs
- Wide supply voltage range of 3.3~5V
- Short warm-up time

- High precision and stability
- Excellent phase noise

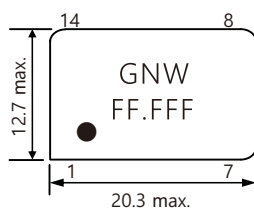


## Electrical Specifications 电气参数

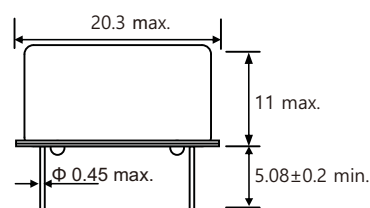
Item/Type		Electrical Specifications
Frequency Range		5MHz to 40MHz
Output Type		CMOS
Output Load		15pF
Frequency Control Voltage		Rectangular
Supply Voltage		3.3V/5V
Operating Temperature Range		-30~+70°C, or specify
Frequency Stability	Frequency Tolerance	±0.2ppm max.
	Vs. Temperature	±0.2ppm max.
	Vs. Supply Voltage	±50ppb max.
	Vs. Aging	Daily
Yearly		±0.5ppm max.
10 years		±3.0ppm max.
0 Level Output Voltage(max.)		10% VDD
1 Level Output Voltage(min.)		90% VDD
Symmetry		45~55%
Spurious		-60dBc
Warm-up		±0.1ppm (In 2 minutes @ +25°C, referenced to 1 hour)
Power Consumption(Steady State)		0.8W max.
Phase Noise	Offset 10Hz	-115Bc/Hz
	Offset 100Hz	-140dBc/Hz
	Offset 1KHz	-152dBc/Hz
	Offset 10KHz	-154dBc/Hz
Dimension(L×W×H)		20.3×12.7×11.0mm

## Mechanical Dimensions 外型尺寸

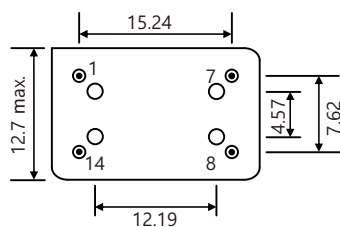
Units:mm



Top View



Side View



Bottom View

Pin	Connection
#1	Voltage Control /NC
#7	0 Volts & Case
#8	R.F. Output
#14	Vdd