

OCXO-6X



APPLICATIONS

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

FEATURE

- SC-Cut based OCXO designs
- Wide supply voltage range of 5~12V
- Short warm-up time
- High precision and stability
- Excellent phase noise

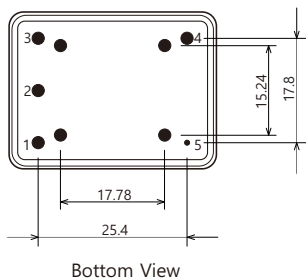
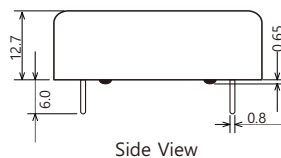
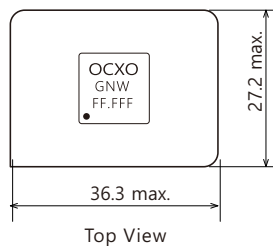


Electrical Specifications 电气参数

Item/Type	Electrical Specifications	
Frequency Range	5MHz to 100MHz	
Output Type	LVTTTL/Sine Wave	
Output Load	15pF	
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	±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)	36.3×27.2×12.7mm	

Mechanical Dimensions 外型尺寸

Units:mm



Pin	Connection
#1	Control Voltage
#2	N.C./Vref(Optional)
#3	Power Supply
#4	Output
#5	Ground