

VCXO 3.3/5V

Voltage Controlled Crystal Oscillator

Application

- PBX and wireless PBX system
- Broad casting equipment
- Repeaters for the cable and phone products
- Sonet / SDH. ATM
- Video, Transmission
- ADSL. XDSL

Feature

- Metal welded package
- Frequency adjustable
- Full/Half size
- Low power consumption
- Heavy loading capability
- RoHS Compliant Optional

Specification

Model	VCXO
Frequency Range, MHz	1.0 ~ 52.0
Freq Control Range, PPM	±30 ~ ±150 min (1.65 ±1.32 VDC)
Operating Temp, °C	0 ~ +70 (-40 ~ +85 is available)
Storage Temp, °C	-55 ~ +125
Frequency Stability, PPM	±10 ~ ±100 max
Supply Voltage, VDC	+3.3, +5 ±10%
Output Symmetry, %	40 ~ 60 (*45 ~ 55 is available)
Input Current, mA	30 max
Output Load	5TTL or 15pF
Rise and Fall Time, ns	5.0 max
Aging, PPM	±5

Standart Frequencies

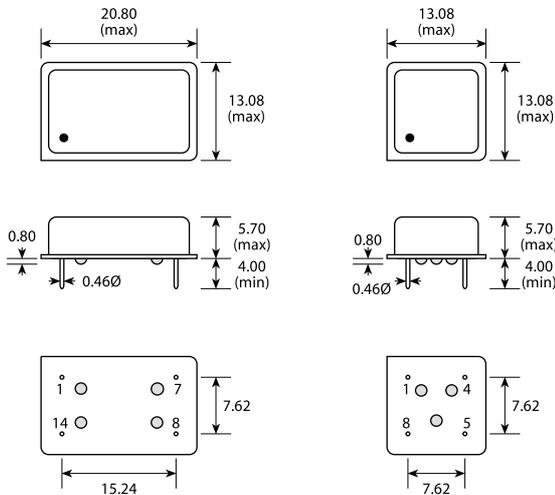
MHz	
8.19200	19.44000
13.50000	20.48000
14.31818	24.57600
16.38400	27.00000
17.73447	32.76800

Other frequencies available. Please consult our sales office.

VCXO 3.3/5V

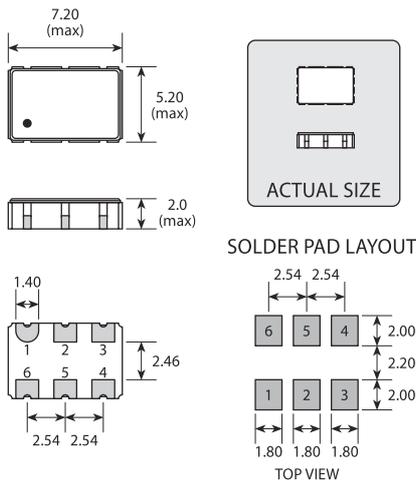
Voltage Controlled Crystal Oscillator

Through hole Dimensions (unit: mm)



PIN	CONNECTION	PIN
1	Control voltage	1
7	Ground	4
8	Output	5
14	Supply	8

Surface Mount Dimensions (unit: mm) & Soldering Reflow



PAD	CONNECTION
1	Control voltage
2	Enable / disable
3	Ground
4	Output 1 (Q)
5	Output 2 (\bar{Q})
6	Supply

Part Number Guide

Model	Frequency, MHz	Type, TTL/CMOS	Frequency Stability, ppm	Voltage, V	Pulling, Ppm	Op Temp Range, °C
VCXO	25.120	F = 14 Pin H = 8 Pin 7 = 7x5	A = ±10	3 = 3.3 5 = 5	A = 100 B = 50 C = 150 S = 75	1 = 0 ~ +70
			B = ±15			2 = -10 ~ +60
			C = ±20			3 = -20 ~ +70
			D = ±25			4 = -20 ~ +80
			E = ±30			5 = -40 ~ +85
			F = ±50			6 = -40 ~ +105
			G = ±100			0 = other
			O = other			