

Voltage Controlled Crystal Oscillator

VCXO Series

Features

- Good frequency stability
- TTL/HCMOS
- RoHS Compliant / Pb Free



Specifications

Holder Type	Half size (Dip 08) / Full size (Dip 14)
Frequency Range	1.000 Mhz to 250.000Mhz
Operating Temperature Range	-10°C to +60°C typical or custom-designed
Storage Temperature Range	- 55°C to +125°C typical
Frequency Stability Overall	±10ppm ~ ±100ppm
Supply Voltage	5.0V or 3.3V ±10%
Current Consumption	35mA (<50.000Mhz) 50mA (<90.000Mhz) 60mA (<250.000Mhz)
Output Load	15pF HCMOS
Symmetry	40/60% or 45/55%
Rise/Fall Time	10nS
Output Voltage " 1 " VoH	90%V Min.
" 0 " VoL	10%V Max.
Control Voltage Range	0-5.0V or 0-3.3V
Linearity	10%
Pullability	±50ppm ~ ±100ppm
Start-Up Time	10ms Max.
Aging (at 25°C)	±5ppm/ year Max.

How to order

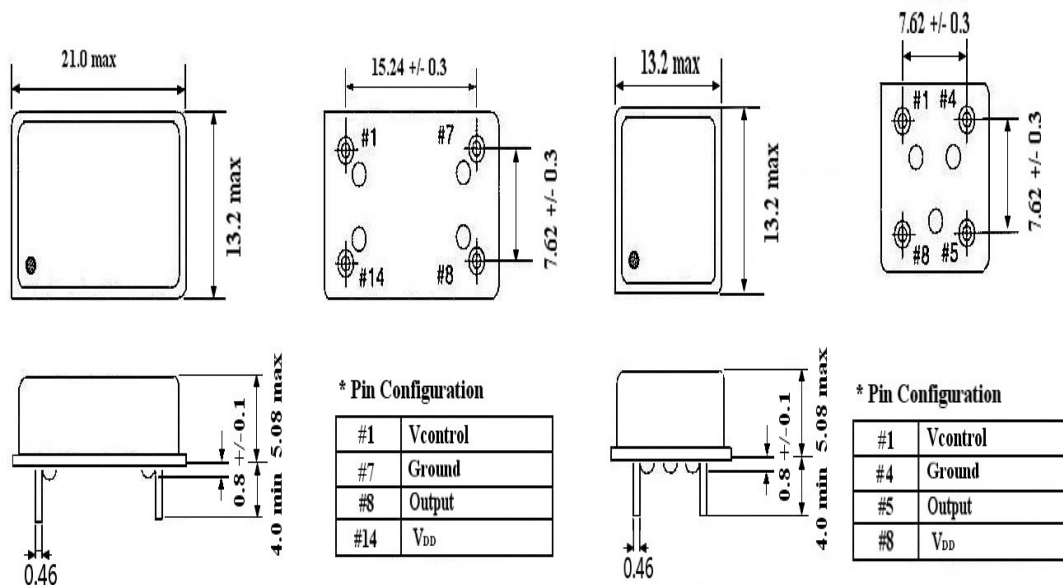
VCXO08	24M	5	1	3
Series No Holder Type	Frequency	Input Voltage	Oerating Temperature	Frequency Stability
VCXO08	20=20 Mhz	5 = 5.0V	1=- 10°C to +60°C	1=10ppm
VCXO14	24=24 Mhz	3 = 3.3V	2=- 20°C to +70°C	2=20ppm
	40 = 40 Mhz		3=- 40°C to +85°C	3=30ppm
				5=50ppm
				0=100ppm

MSC

Voltage Controlled Crystal Oscillator

VCXO Series

Dimensions (mm)



MSC