Crystal Oscillator

CXO Series

Features

- · Wide frequency range
- · Tri-State Function
- · TTL/HCMOS
- · RoHS Compliant / Pb Free



Specifications		
Holder Type	Half size (Dip 08)	
Frequency	1.000Mhz ~	
Operating Temperature Range	-10°C to +60°C	
Storage Temperature Range	- 40°C to +85°C	
Frequency	±10ppm ~ ±	
Supply Voltage	5.0V or 3.3V ±	
Current Consumption	5.0V	3.3V
	25mA (1.000 ~ 35.999Mhz)	20mA (1.000 ~ 35.999Mhz)
	60mA (36.00 ~ 69.999Mhz)	40mA (36.00 ~ 69.999Mhz)
	80mA (70.00 ~ 150.00Mhz)	60mA (70.00 ~ 150.00Mhz)
Output Waveform	TTL/HCMOS	
Output Load	10TTL or 15pF	
Symmetry	40/60% or	
Rise/Fall Time	10nS	
Output Voltage "1" VoH	TTL: 2.4V Min.	HCMOS: 90%V Min.
"0" VoL	TTL: 0.4V Max.	HCMOS: 10%V Max.
Start-Up Time	10mS Max.	
Pin 1 Tri-State Function	T: Enable / N: Disable	
Aging (at 25°C)	±5ppm/ year	

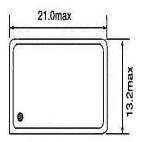
How to order					
<u>CXO08</u>	24M	5	3	1	3
Series No Holder Type	Frequency	Input Voltage	Output Code	Operating Temperature	Frequency Stability
CXO08 CXO14	20=20 Mhz 24=24 Mhz	0.0101	T = TTL H = HCMOS	1=- 10°C to +60°C 2=- 20°C to +70°C	1=10ppm 2=20ppm
	40=40 Mhz		II = Heimos	3=- 40°C to +85°C	3=30ppm 5=50ppm
					0=100ppm

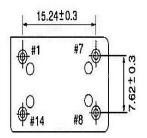


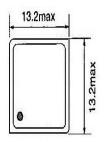
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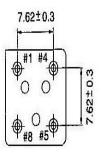
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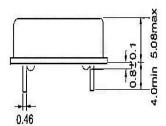
Dimensions (mm)

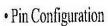




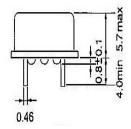








#1	NC or Tri-state	
#7	Ground	-
#8	Outpot	
# 14	Voa	100



• Pin Configuration

#1	NC or Tri-state	
#4	Ground	
#5	Output	
#8	Voa	