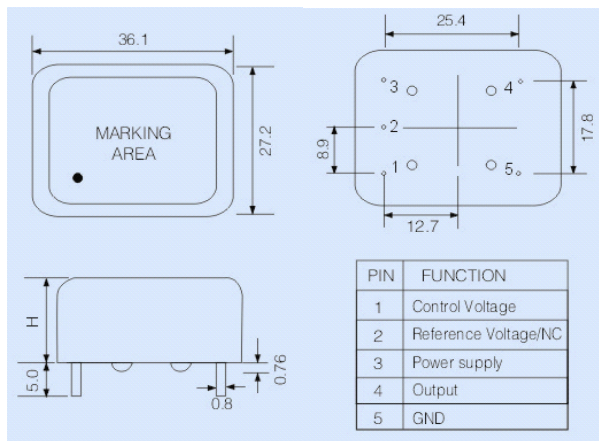


## CFO36 Series OCXO

36.1mm x 27.2mm  
5Pin  
HCMOS or Sinewave  
1.000 to 100.00MHz

## Mechanical Dimensions

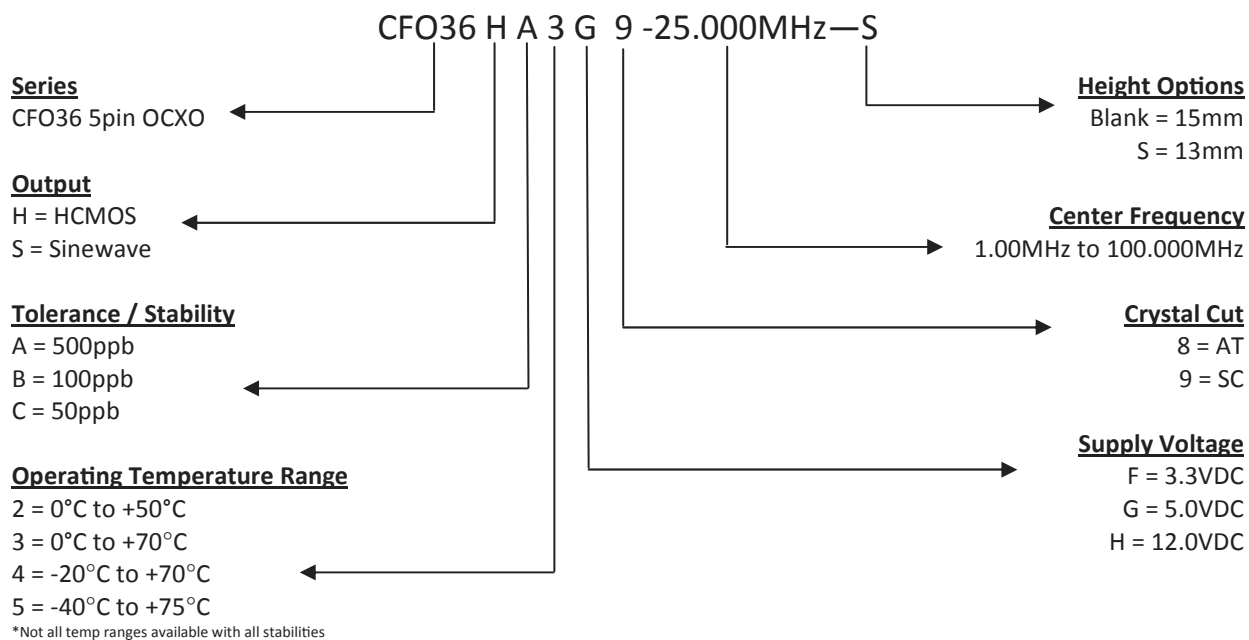
Dimensions are in millimeters. Dot indicates pin one location.



## Electrical Specifications

Frequency Range	1.00MHz to 100.000MHz
Stability	50ppb, 100ppb, or 500ppb*
Operating Temperature Range	See Part Numbering Guide
Storage Temperature	-55°C to 125°C
Output	HCMOS or Sinewave
Supply Voltage	3.3, 5.0, or 12.0VDC ±5%
Linearity	±10% Max
Slope	Positive
Control Voltage	0~5V
Adjustable Frequency Range	AT Cut = ±5.0ppm SC Cut = ±1.0ppm
Warm-up Time	AT Cut = ±5.0ppm <3min SC Cut = ±1.0ppm <3min
Phase Noise @ 10.000MHz	1Hz = -95dBc 10Hz = -125dBc 100Hz = -140dBc 1kHz = -150dBc 10kHz = -155dBc
Aging	First Year ±0.5ppm, 10 Years ±3ppm
Crystal Cut	AT or SC

## Part Numbering Guide



## Part Marking Guide

Line #1	CFP CFO36
Line #2	XX.XXX M XXX.XXX = Frequency (6 Digits Max + Decimal) M = Frequency Unit Of Measure (MHz)
Line #3	XX YY ZZ XX = Crescent Manufacturing Identifier YY = Last Two Digits of Year ZZ = Week of Year
Line #4	Serial Number