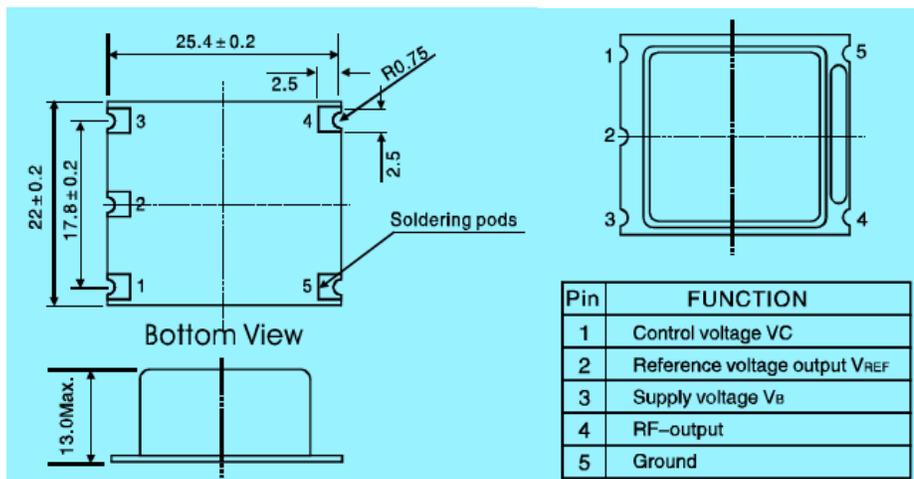


## CFO25X OCXO

25.4mm x 25.4mm  
5Pad SMD  
HCMOS or Sinewave  
2.000 to 100.00MHz

## Mechanical Dimensions

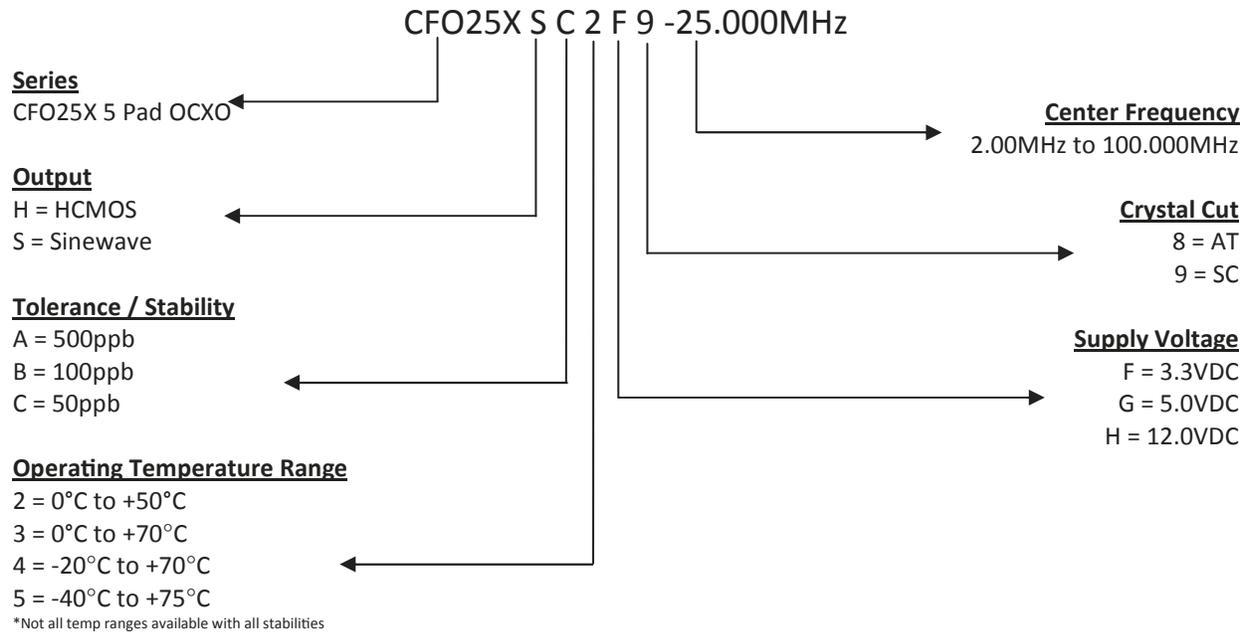
Dimensions are in millimeters. Dot indicates pin one location.



## Electrical Specifications

Frequency Range	2.00MHz 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 $\pm 5\%$
Linearity	$\pm 10\%$ Max
Slope	Positive
Control Voltage	0~5V
Adjustable Frequency Range	AT Cut = $\pm 5.0$ ppm SC Cut = $\pm 1.0$ ppm
Warm-up Time	AT Cut = $\pm 5.0$ ppm <3min SC Cut = $\pm 0.03$ ppm <3min
Phase Noise	1Hz = -95dBc 10Hz = -125dBc 100Hz = -135dBc 1kHz = -150dBc 10kHz = -155dBc
Aging	First Year $\pm 0.5$ ppm, 10 Years $\pm 3$ ppm
Crystal Cut	AT or SC

## Part Numbering Guide



## Part Marking Guide

Line #1	CFP CFO25X
Line #2	XX.XXX M XX.XXX = Frequency (5 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