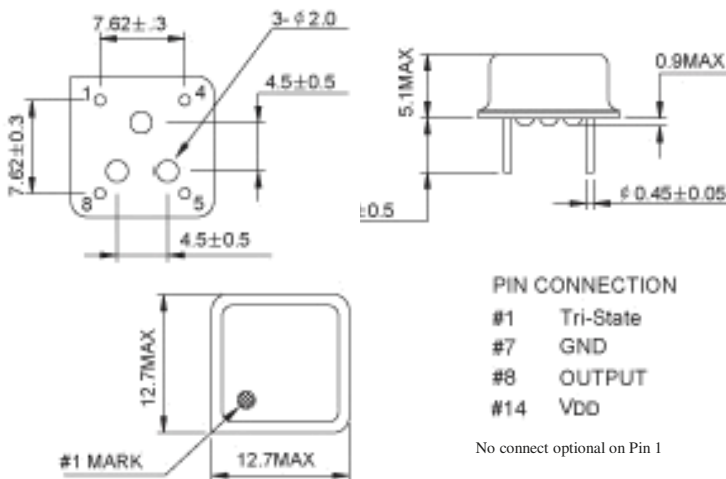


## CF8 Series Clock Oscillator

12.8x12.8x5.0mm  
8 Pin Dip  
RoHS Compliant  
HCMOS / TTL Output  
5.0 or 3.3VDC  
1.000MHz to  
200.000MHz

## Mechanical Dimensions

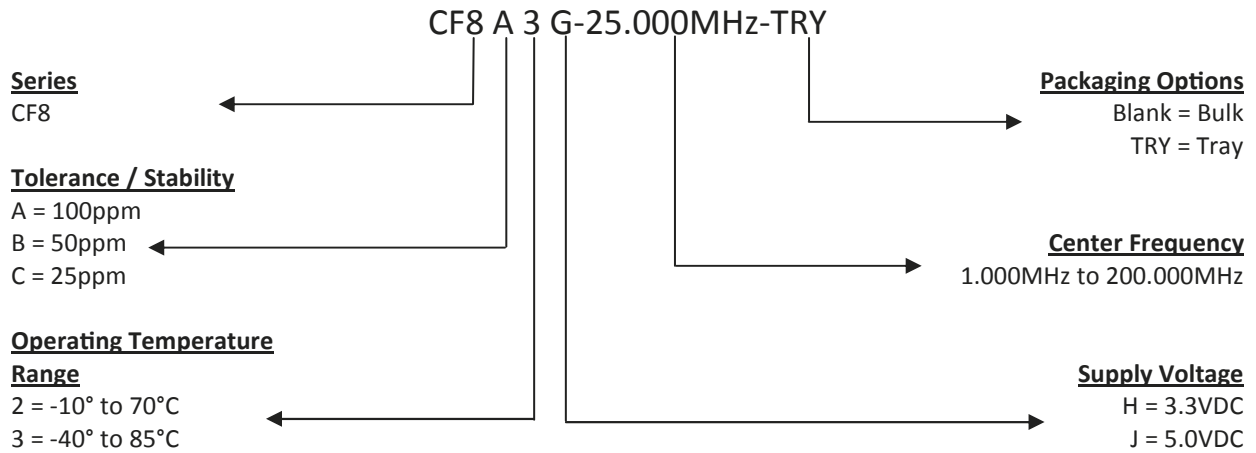
Dimensions are in millimeters. Dot indicates pin one location.



## Electrical Specifications

Frequency Range		1.000MHz to 200.000MHz
Operating Temperature Range		-20° to 70°C or -40° to 85°C
Storage Temperature Range		-55°C to 125°C
Supply Voltage	VDC ± 10%	5.0, or 3.3VDC
Input Current	1.000MHz To 20.000MHz 20.001MHz to 40.000MHz 40.001MHz to 80.000MHz 80.001MHz to 125.000MHz 125.000MHz to 200.000MHz	26mA(5V)    17mA(3.3V) Max 40mA(5V)    25mA(3.3V) Max 60mA(5V)    35mA(3.3V) Max 70mA(5V)    45mA(3.3V) Max 80mA(5V)    65mA(3.3V) Max
Load Drive Capability		10TTL Load or 15pF HCMOS Load
Frequency Tolerance / Stability		25ppm, 50ppm, or 100ppm
Duty Cycle	50% of Waveform	50 ± 5%
Rise Fall Time		10nSeconds Max
Tri-State Input Voltage	No Connection $V_{IH} \geq 70\%$ of $V_{DD}$ $V_{IL} \leq 30\%$ of $V_{DD}$	Enables Output Enables Output Disables Output: High Impedance
Phase Jitter		1pSec Max (12kHz to 20MHz)

## Part Numbering Guide



## Part Marking Guide

Line #1	CFP CF8
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

## Solder Reflow

