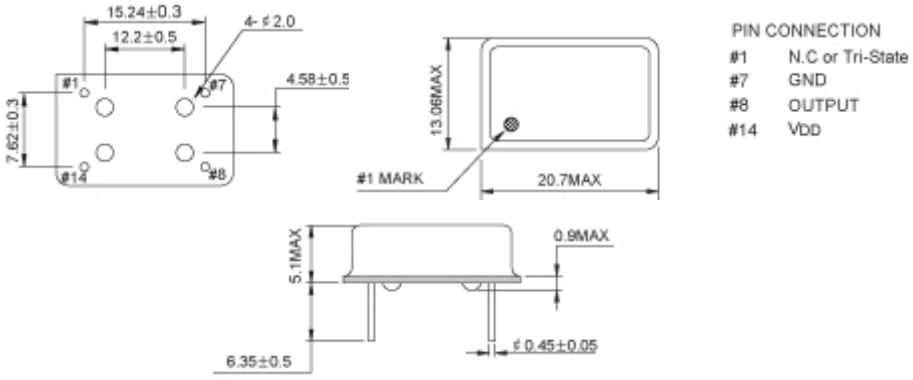
CRESCENT
FREQUENCY PRODUCTS

CF14 Series
Clock Oscillator

20.4x12.8x5.0mm
14 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		-10° 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}≥70% of V_{DD} V_{IH}≤30% of V_{DD}	Enables Output Enables Output Disables Output: High Impedance

Crescent Frequency Products, 19363 Willamette Dr. #120, West Linn, OR 97068
Phone: (949) 484-4332 | www.crescentfrequency.com

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FREQUENCY PRODUCTS

Part Numbering Guide

CF14 A 3 G-25.000MHz-TRY

Series
CF14

Tolerance / Stability
A = 100ppm
B = 50ppm
C = 25ppm

Operating Temperature Range
2 = -10° to 70°C
3 = -40° to 85°C

Packaging Options
Blank = Bulk
TRY = Tray

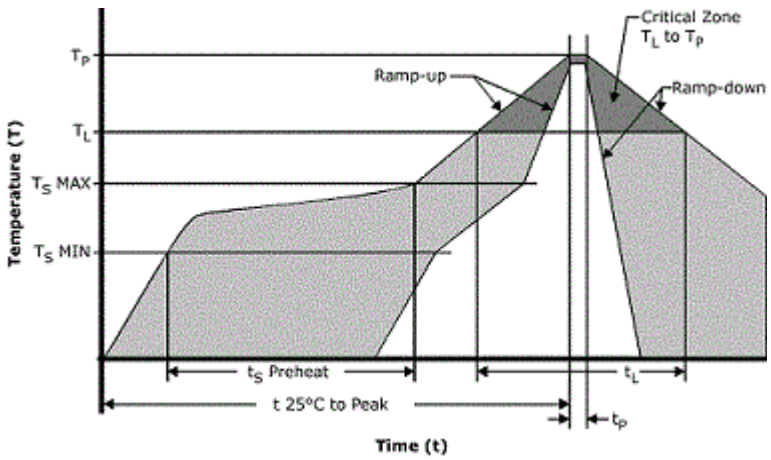
Center Frequency
1.000MHz to 200.000MHz

Supply Voltage
H = 3.3VDC
J = 5.0VDC

Part Marking Guide

Line #1	CFP CF14
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



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