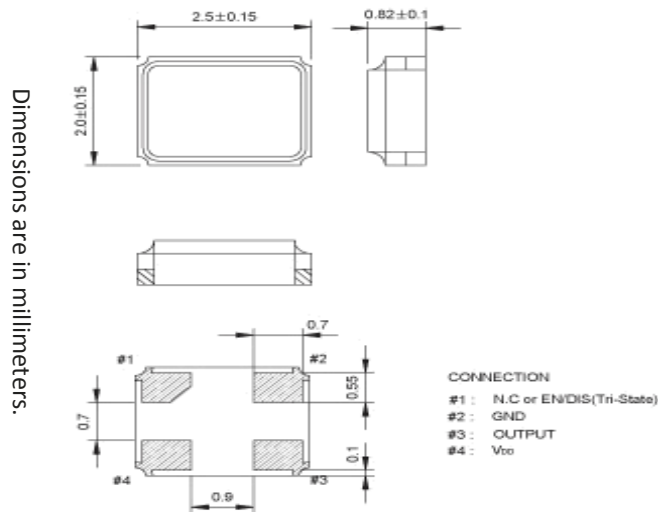


CF22 Series Clock Oscillator

2.0x2.5x0.82mm
Ceramic SMD
RoHS Compliant
HCMOS Output
1.8, 2.5 Or 3.3V
1.000MHz to
50.000MHz

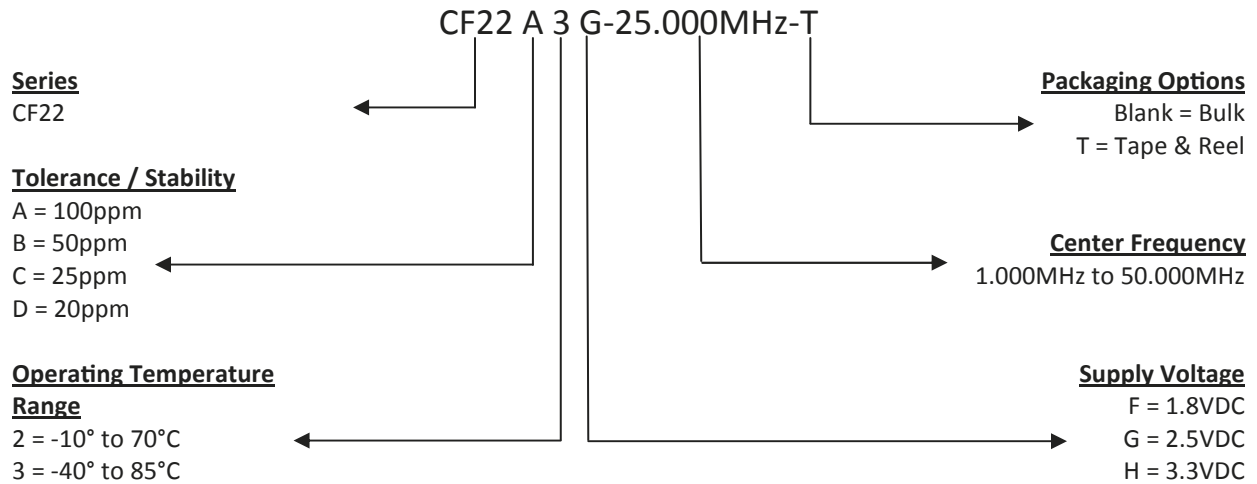
Mechanical Dimensions



Electrical Specifications

Frequency Range		1.000MHz to 50.000MHz
Operating Temperature Range		-10° to 70°C or -40° to 85°C
Storage Temperature Range		-55°C to 125°C
Supply Voltage	VDC ±10%	1.8, 2.5, or 3.3VDC
Supply Current	VDC = 1.8 VDC = 2.5 VDC = 3.3	12mA Max 15mA Max 25mA Max
Load Drive Capability		15pF HCMOS
Frequency Tolerance / Stability		20ppm, 25ppm, 50ppm, or 100ppm
Duty Cycle	50% of Waveform	50±5%
Rise Fall Time		10nS Max
Phase Jitter	12KHz to 20MHz Offset Freq.	1pSecond Max
Startup Time		10mSeconds Max
Tri-State Input Voltage	No Connection $V_{IH} \geq 70\%$ of V_{DD} $V_{IH} \leq 30\%$ of V_{DD}	Enables Output Enables Output Disables Output: High Impedance

Part Numbering Guide



Part Marking Guide

Line #1	CXX.X C = Crescent Frequency Identifier XX.X = Frequency (3 Digits Max + Decimal) M = Frequency Unit Of Measure (MHz)
Line #2	YYZZ YY = Last Two Digits of Year ZZ = Week of Year

Solder Reflow

