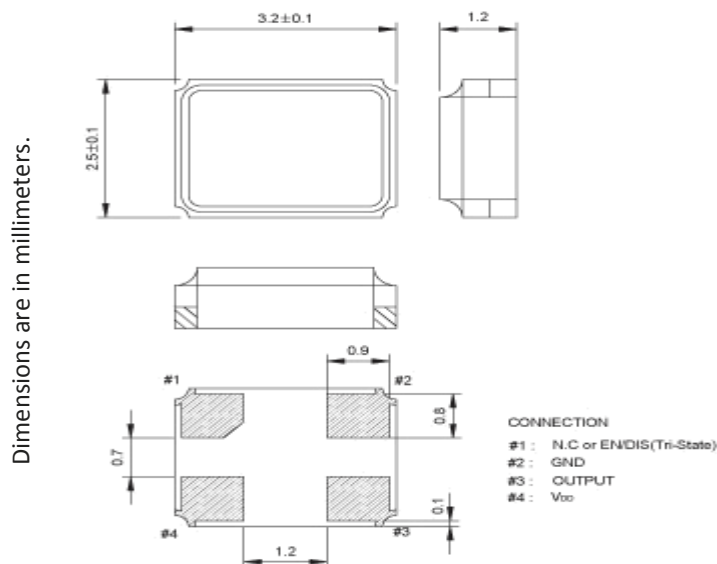


CF32 Series Clock Oscillator

3.2x2.5x1.2mm
Ceramic SMD
RoHS Compliant
HCMOS Output
1.8, 2.5, or 3.3VDC
1.000MHz to
100.000MHz
Tristate enabled

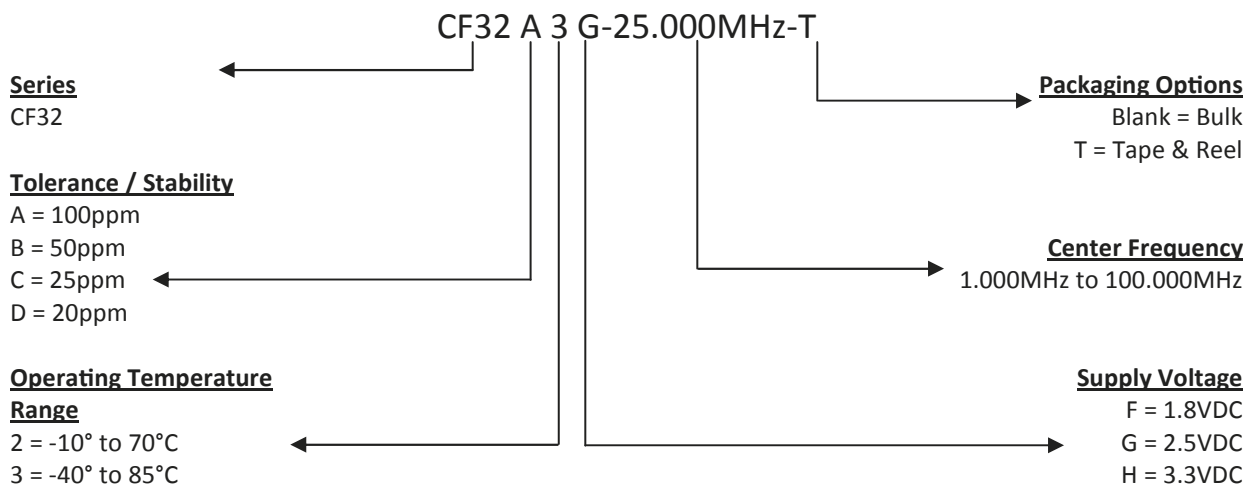
Mechanical Dimensions



Electrical Specifications

Frequency Range		1.000MHz to 100.000MHz
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		10nSeconds 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)
Line #2	YYZZ YY = Last Two Digits of Year ZZ = Week of Year

Solder Reflow

