CRYSTEK CRYSTALS
A Division of Crystek Corporation

RoHS Compliant

Temperature Compensated Voltage Controlled Crystal Oscillator

CVT20 Model
2.0x2.5 mm SMD, **2.8V, Clipped Sine**

Frequency:	19.200 MHz or 26.000MHz
Frequency Stability:	±2.5ppm Max
Temperature Range:	
Operating:	-30°C to 75°C
Storage:	-40°C to 85°C
Input Voltage:	2.8V ±5%
Input Current:	1.8mA Max
Control Voltage Range:	1.4V ±1.0V
Frequency Control Range:	±9ppm to ±15ppm
Output:	Clipped Sine
Output Level:	0.8Vp-p Min
Load:	10kΩ//10pF
Aging:	±1ppm Max per year

Designed to meet today's requirements for portable applications. Temperature compensation is accomplished through digital technology. Applications include GSM, GPRS, 3G, CDMA, W-CDMA.

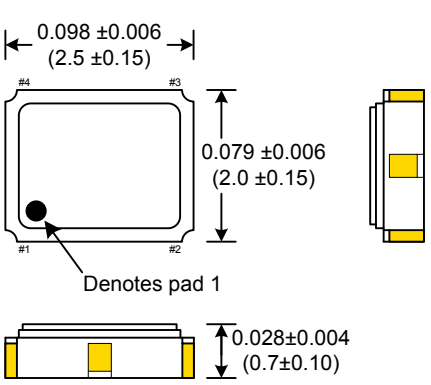
Mechanical:

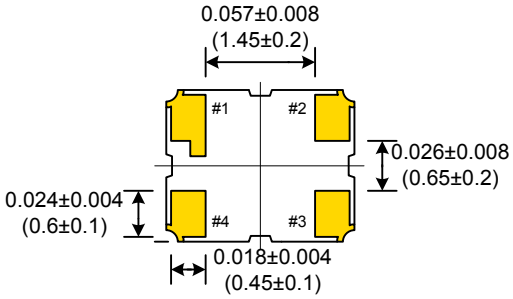
Shock:	MIL-STD-883, Method 2002, Condition B
Solderability:	MIL-STD-883, Method 2003
Vibration:	MIL-STD-883, Method 2007, Condition A
Solvent Resistance:	MIL-STD-202, Method 215
Resistance to Soldering Heat:	MIL-STD-202, Method 210, Condition I or J

Environmental:

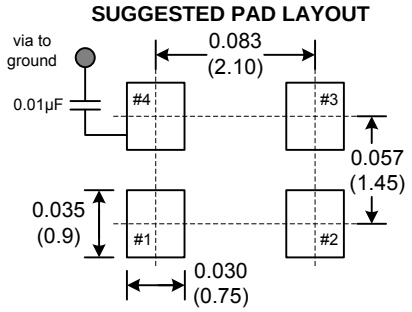
Thermal Shock:	MIL-STD-883, Method 1011, Condition A
Moisture Resistance:	MIL-STD-883, Method 1004

For Additional Technical Information
please contact Crystek at sales@crystek.com

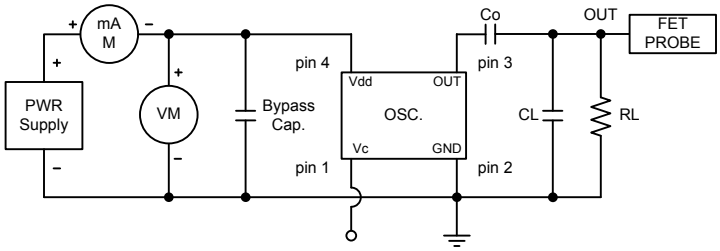




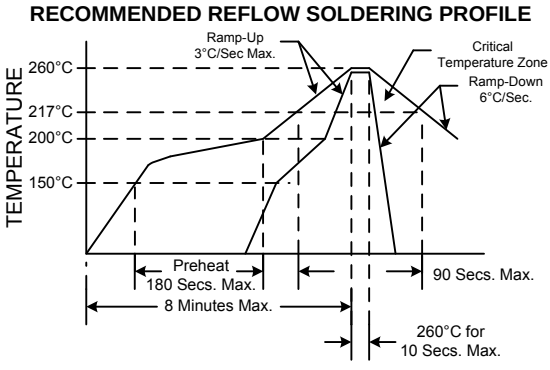
Dimensions inches (mm)
All dimensions are Max unless otherwise specified.



0.01uF Bypass Capacitor Recommended



PIN	Function
1	Voltage Control
2	GND
3	OUT
4	VDD



NOTE: Reflow Profile with 240°C peak also acceptable.

TD-080401 Rev. A

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