

[illegible]

- 1.0 MONITOR PART NUMBER 7387-XX
- 2.0 CLASSIFICATION OSCILLATOR, CRYSTAL, TEMPERATURE COMPENSATED
- 3.0 ELECTRICAL CHARACTERISTICS (NOTE 1)
- 3.1 NOMINAL FREQUENCY SEE CHART 1
- 3.1.1 CALIBRATION TOLERANCE _____
- 3.1.2 ADJUSTMENT RANGE ± 3 PPM
- 3.1.2.1 ADJUSTMENT RESOLUTION _____
- 3.1.3 STABILITY
- 3.1.3.1 FREQUENCY vs AMBIENT ± 2.5 PPM / -30°C TO $+75^{\circ}\text{C}$
- 3.1.3.2 FREQUENCY vs VOLTAGE 0.3 PPM AT VCC $\pm 5\%$
- 3.1.3.3 FREQUENCY vs LOAD _____
- 3.1.3.4 FREQUENCY vs TIME ± 1 PPM / YEAR
- 3.2 WAVE FORM CLIPPED SINE WAVE
- 3.2.1 SYMMETRY/THD _____
- 3.2.2 AMPLITUDE 1.0 Vp-p MIN
- 3.2.3 RISE/FALL TIME _____
- 3.2.4 LOAD 10K OHM / 10pF
- 3.4 POWER INPUT
- 3.4.1 OSCILLATOR VOLTAGE/CURRENT +5.0V / 2.0mA MAX
- 4.0 ENVIRONMENTAL
- 4.1 AMBIENT TEMPERATURE RANGE
- 4.1.1 OPERATING -30°C TO $+75^{\circ}\text{C}$
- 4.1.2 STORAGE -35°C TO $+80^{\circ}\text{C}$
- 4.2 VIBRATION MIL-STD-202F, METH 204, 35G'S, 50 TO 2000 TO 50 Hz
- 4.3 SHOCK MIL-STD-202F, METH 213B, TEST COND E, 1KG 1/2 SINE
- 4.4 HUMIDITY UNIT IS NOT HERMETICALLY SEALED
- 4.5 OTHER _____
- 5.0 MECHANICAL
- 5.1 MATERIAL/FINISH NICKEL PLATE CAN
- 5.2 PIN CONNECTION
- 1 NC
- 2 GROUND
- 3 OUTPUT
- 4 VCC

NOTE 1 - ALL PERFORMANCE FIGURES ARE MEASURED UNDER THE FOLLOWING TEST CONDITION.

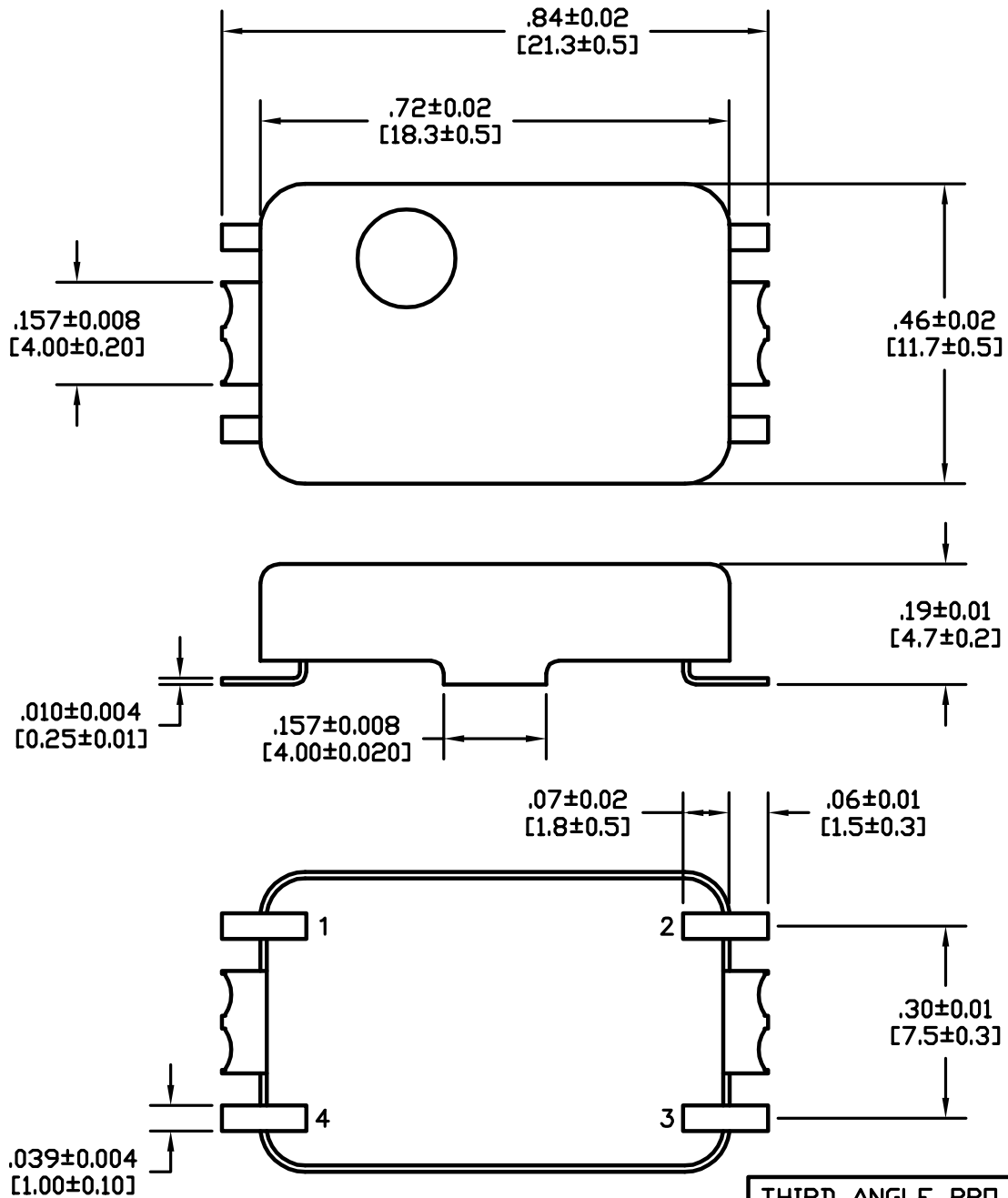
A. AMBIENT TEMP. $+25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ EXCEPT PARA 3.1.31.

B. INPUT VOLTAGES: NOMINAL $\pm 1\%$ EXCEPT PARA 3.1.3.2

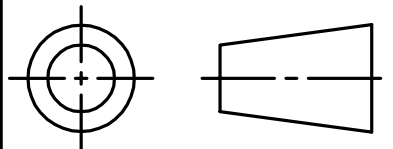
CHART 1					
DASH NO.	FREQUENCY (MHz)	DASH NO.	FREQUENCY (MHz)	DASH NO.	FREQUENCY (MHz)
-01	10.000	-08	18.000	-15	
-02	12.800	-09	20.456	-16	
-03	14.400	-10	21.400	-17	
-04	15.360	-11	12.000	-18	
-05	16.000	-12	14.300	-19	
-06	20.000	-13	16.384	-20	
-07	13.000	-14	24.000	-21	

NOTES:

1. APPLICABLE STANDARDS/SPECIFICATION
ANSI Y14.5M-1982, DIMENSIONS AND TOLERANCES
2. PIN NUMBERS ARE FOR REFERENCE ONLY
3. DIMENSIONS IN BRACKETS ARE METRIC



THIRD ANGLE PROJECTION



SIZE	CAGE CODE	DWG NO	REV
A	54331	7587	B
SCALE 4/1		CAD FILE S7387XB3.A13	SHEET 3 of 3