

1.0 MONITOR PART NUMBER: 7500 - - - FREQ IN MHz

CODE	FREQ STABILITY
A	±1.0 PPM
B	±1.5 PPM
C	±2.0 PPM
D	±2.5 PPM
E	±3.0 PPM
F	±5.0 PPM

CODE	TEMP RANGE
1	0°C TO +50°C
2	0°C TO +70°C
3	-10°C TO +60°C
4	-15°C TO +55°C
5	-25°C TO +60°C
6	-20°C TO +70°C
7	-30°C TO +75°C
8	-45°C TO +85°C
9	CUSTOMER SPECIFICATIONS

2.0 CLASSIFICATION OSCILLATOR, CRYSTAL, TEMPERATURE COMPENSATED

3.0 ELECTRICAL CHARACTERISTICS (NOTE 1)

3.1 NOMINAL FREQUENCY AS SPECIFICITY IN PART NUMBER ABOVE

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 AS SPECIFICITY IN PART NUMBER ABOVE

3.1.3.2 FREQUENCY vs VOLTAGE 0.3PPM AT VCC ±5%

3.1.3.3 FREQUENCY vs LOAD _____

3.1.3.4 FREQUENCY vs TIME ±1PPM / 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 AS SPECIFICITY IN PART NUMBER

4.1.2 STORAGE -35°C TO +80°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 _____

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

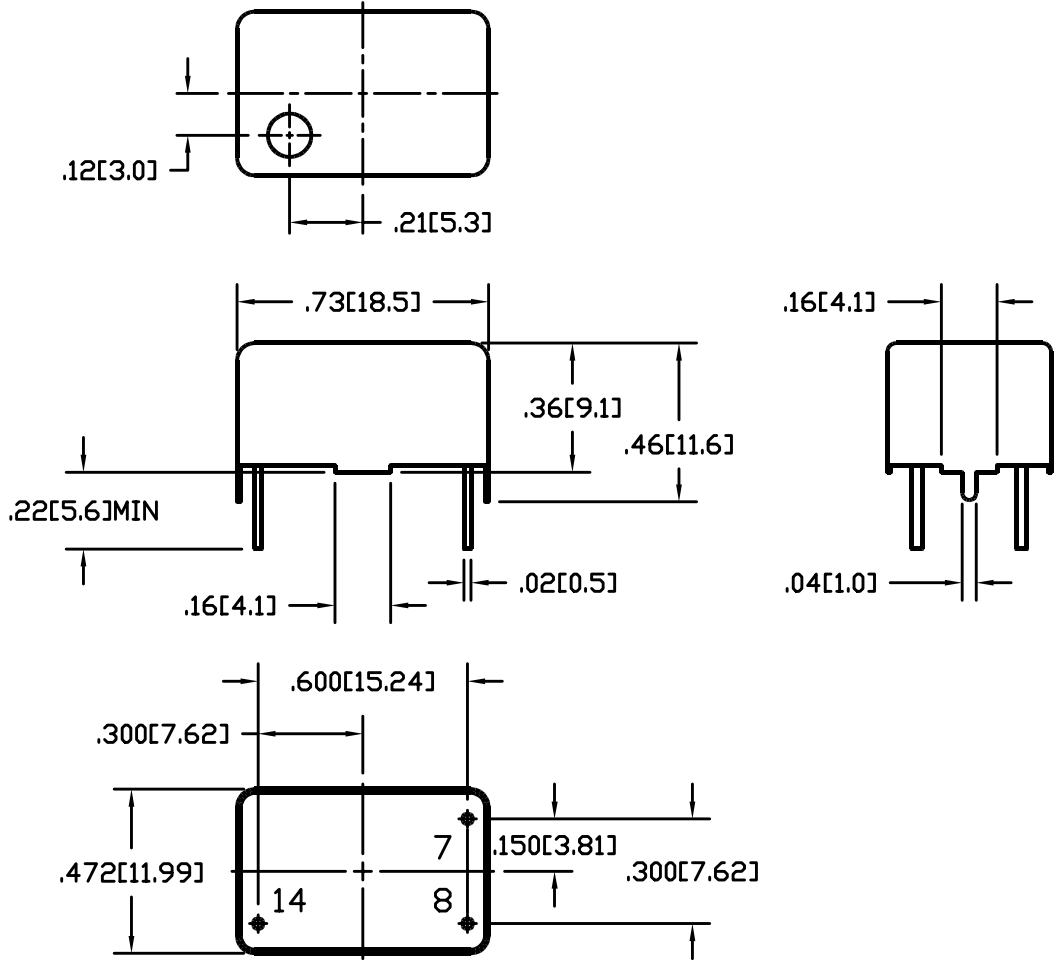
A. AMBIENT TEMP. +25°C±5°C EXCEPT PARA 3.1.31.

B. INPUT VOLTAGES: NOMINAL ±1% EXCEPT PARA 3.1.3.2

SIZE	CAGE CODE	DWG NO	REV
A	54331	7652	B
SCALE 2/1	CAD FILE	SP7500B2.A13	SHEET 2 of 3

NOTES:

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



- 5.0 MECHANICAL
- 5.1 MATERIAL/FINISH _____
 - 5.2 PIN CONNECTION _____
 - 7 GROUND
 - 8 OUTPUT
 - 14 +5 VDC

THIRD ANGLE PROJECTION

SIZE A	CAGE CODE 54331	DWG NO 7652	REV B
SCALE 2/1	CAD FILE SP7500B3.A13	SHEET 3 of 3	