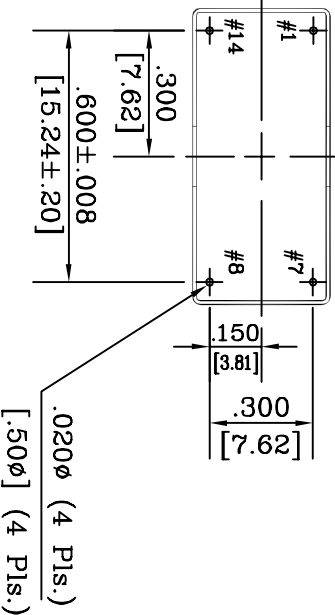
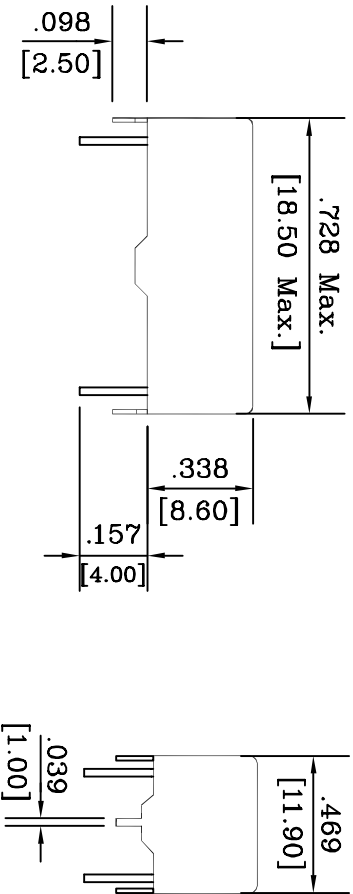


PDI   
Frequency  
Date code

Last (7) Digits  
of PDI P/N



PIN	CONNECTIONS
1	Freq. Adjust
7	Ground
8	Output
14	Vcc

DATE	SM	REVISION	RECORD	AUTH.	DR.	CK.

- ELECTRICAL SPECIFICATIONS:
- Center Frequency: 10.000000 Mhz
  - Calibration Tolerance @25°C: ±2.5ppm w/+2.5V applied to Pin #1.
  - Frequency Stability:  
vs. Temperature: ±1.0ppm Max.  
vs. Aging: ±1.0ppm per year Max.  
vs. Voltage: ±0.2ppm Max. for a 5% change.
  - Temperature Range: -40°C to +60°C
  - Storage: -40°C to +100°C
  - Supply Voltage: +5.0Vdc±5%
  - Supply Current: 3.0ma Max.
  - Output: Waveform: A.C. Coupled Clipped Sinewave  
Level: 1V Pk-Pk. Min.
  - Load Impedance: 10K Ohms//10.0pf
  - Phase Noise: -120dBc/Hz Max. at 1.0Khz Offset
  - Frequency Adjustment:  
Range: ±9.0ppm min., external control voltage range: +0.5V to +4.5V applied to pin #1.  
Polarity: Positive:  
Linearity: ±5% max. error  
Input Impedance: 50K Ohms Min.  
Modulation (3.0dB): D.C. to 5Khz Min.  
Modulation Distortion 3% Max. over 10 to 150Hz.

TOLERANCES (EXCEPT AS NOTED)				PRECISION DEVICES INC.	
DECIMAL	Tolerance: Decimal: ±.004 Metric: ±[.10]		SCALE	DRAWN BY	
+/-			N.T.S.	APPROVED BY	
FRACTIONAL	TITLE				
+/-	Temperature Compensated Crystal Oscillator				
ANGULAR	DATE	DRAWING NUMBER		(FKA 17276)	
+/-	8/10/00	TC2510000XWNSXA			