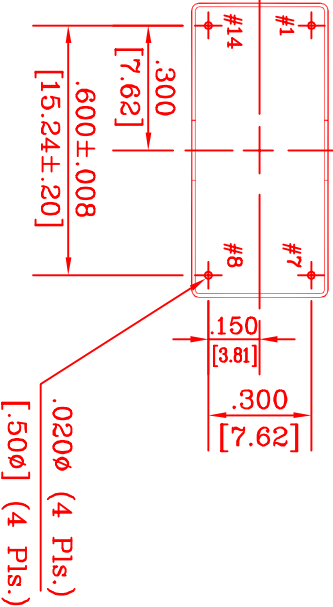
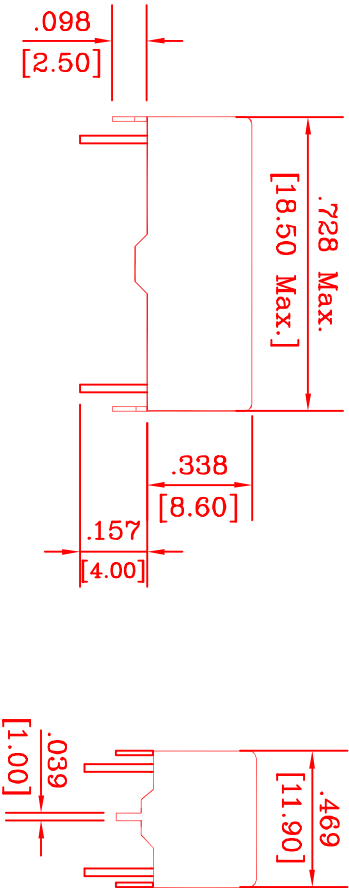


PDI
Frequency
Date code

Last (7) Digits
of PDI P/N



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: ±5.0ppm 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: 6.0ma 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: ±50.0ppm 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.		
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DECIMAL	Tolerance: Decimal: ±.004 Metric: ±[.10]	SCALE	DRAWN BY
FRACTIONAL		N.T.S.	APPROVED BY

TITLE	Temperature Compensated Crystal Oscillator		
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ANGULAR	DATE	DRAWING NUMBER	(FKA 17275)
+/-	8/10/00	TC2510000XWNSXX	

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