

REV	DATE	REVISION RECORD	DWN	AUTH
-	02-27-95	Draft	BH	
A	01-11-07	Phase Noise 100 Hz	PAC	BB

OUTPUT

Frequency

10 MHz

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

5 x 10⁻¹⁰ per day
after 30 days operating, typical

Phase Noise L(f)

10 Hz -130 dBc/Hz
100 Hz -158 dBc/Hz
1 KHz -165 dBc/Hz
10 KHz -165 dBc/Hz

Temperature Stability

±1 x 10⁻⁹, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

1.5 x 1.5 x 3"

Connectors

SMA and solder eyelets

Packaging

Solder sealed steel can

POWER REQUIREMENTS

Warm-Up Power

<4 Watts for 5 minutes

Total Power

<1.3 Watts at +25°C

Supply Voltage

+15 VDC

ADJUSTMENT

Mechanical Tuning

±1 x 10⁻⁶

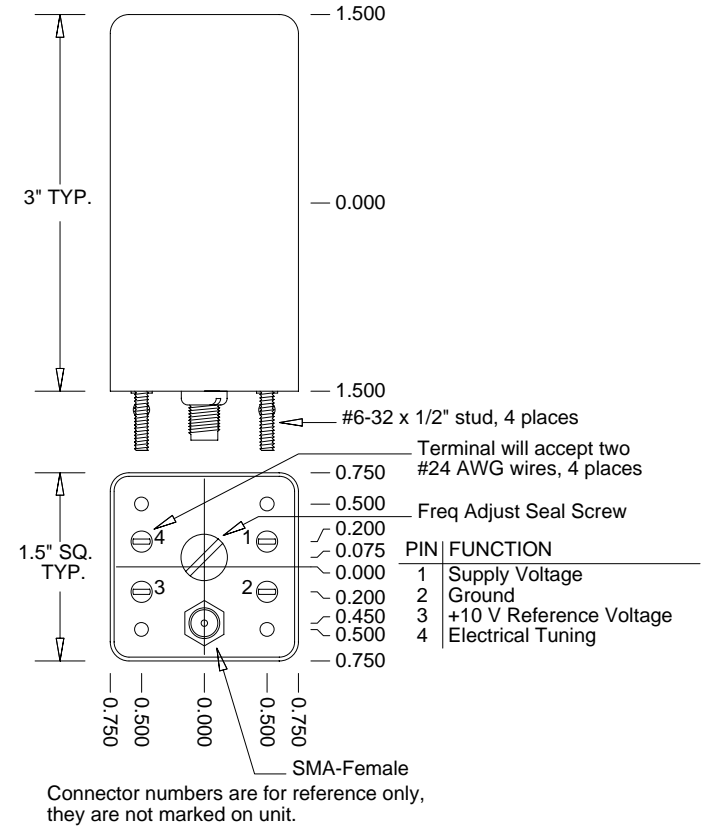
Electrical Tuning


±2 x 10⁻⁷, ±5 VDC
Negative slope

CRYSTAL

Type

10 MHz SC-cut



 Wenzel Associates, Inc. Austin, Texas				
Title:				
Premium 10 MHz-SC Small Fry Crystal Oscillator				
P/N:	Rev:	Date:	Drawn:	Ref:
501-04527	A	01-11-07		
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1