

REV	DATE	REVISION RECORD	DWN	AUTH
-	01-07-10	Draft	PAC	

OUTPUT

Frequency

29.485 MHz

Level

+13 dBm ±2dB into 50 ohms

STABILITY

Aging

1 x 10⁻⁶ per year

after 30 days operating, typical

Phase Noise L(f)

100 Hz -130 dBc/Hz

1 kHz -150 dBc/Hz

10 kHz -165 dBc/Hz

20 kHz -165 dBc/Hz

Temperature Stability

±5 x 10⁻⁷, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 0.75"

Connectors

SMA(f) and feedthru capacitor

Packaging

Sealed steel can

POWER REQUIREMENTS

Warm-Up Power

≤ 5 Watts for 5 minutes

Total Power

≤ 2.7 Watts at +25°C

Supply Voltage

+15 VDC ±5%

ADJUSTMENT

Mechanical Tuning

±4 x 10⁻⁶

Electrical Tuning

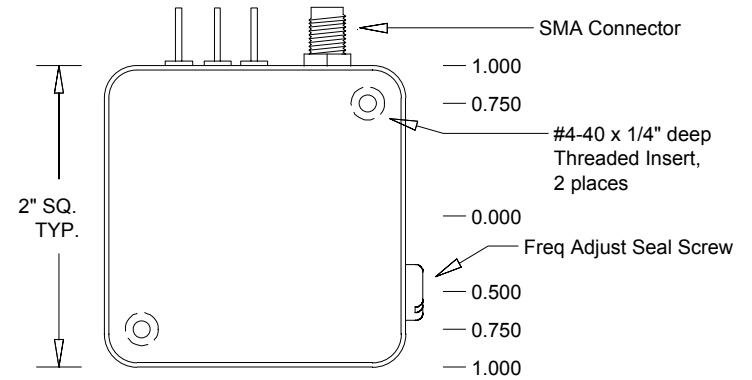
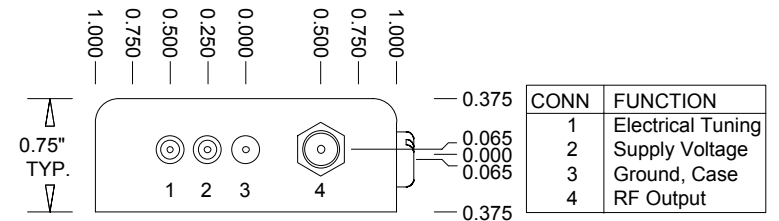
±5 x 10⁻⁷, ±5 VDC

Negative slope


CRYSTAL

Type

29.485 MHz SC-cut



Connector numbers are for reference only, they are not marked on unit.

 Wenzel Associates, Inc. Austin, Texas				
Title:				
29.485 MHz-SC Sprinter Crystal Oscillator				
P/N:	Rev:	Date:	Drawn:	Ref:
500-21908	-	01-07-10		
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1