

BLILEY P/N: NV26T916.3

Frequency: 10.000000 MHz
 Output: Sine +7 dBm min into 50 Ω
 Harmonics ≤ -30 dBc
 Spurious ≤ -75 dBc
 Frequency Vs Temp: ± 2 x 10⁻⁸ max
 Aging: ± 5 x 10⁻¹⁰/day max at ship
 ± 1 x 10⁻⁷/ year
 Operating Temp Range: -40°C to +70°C
 Phase Noise:

<u>OFFSET</u>	<u>LEVEL</u>
10 Hz	-120 dBc
100 Hz	-150 dBc
1 KHz	-160 dBc
10 KHz	-165 dBc

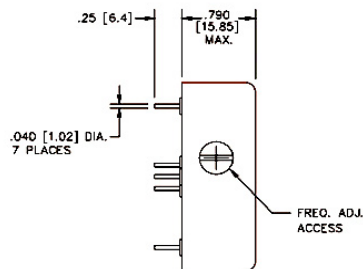
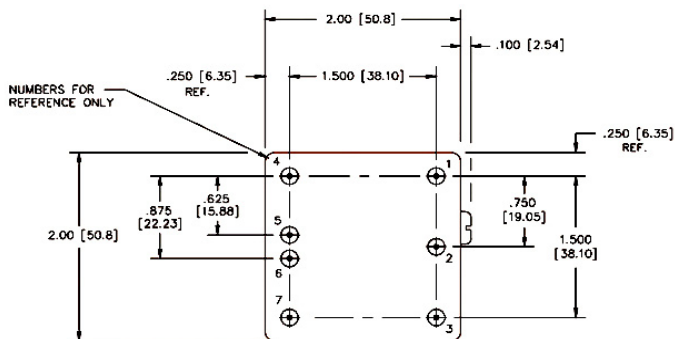
 Vibration Sensitivity: 1 x 10⁻⁹/g
 Voltage Control: ± 2 ppm typical for ± 5 Vdc Negative Slope
 Mechanical Frequency Adjust: ± 7 x 10⁻⁷ typical
 Power Supply: +15.0 Vdc ± 2 % for Oscillator & Oven
 500 mA total max at turn-on
 250 mA total max stabilized at +25°C
 Warm-up: ± 1 x 10⁻⁷ of 24 hour frequency after 5 minutes at +25°C
 Package: 2.00" x 2.00" x 0.75" with trimmer access
 7 terminals 0.040" diameter

Date	Rev.	Revised per	Initials

	Initials	Date
Mechanical Eng:	JPG	4-9-04
Design Eng:	RAA	4-9-04
Quality:	DPM	4-9-04
Release Date:		4-9-04
Specification No.	Revision	Sheet #
6728		1 of 2

REVISION

LET.	DESCRIPTION	DATE	BY
A	O.A. HEIGHT WAS .75 ±.040	9-20-99	CL
B	CHCD. PIN #2 TO OSC. +VDC WAS OSC. +15 VDC CHCD. PIN #4 TO OVEN +VDC WAS OVEN +15 VDC	10-14-99	



PIN CONNECTIONS

1. OVEN RETURN
2. OSC. +VDC
3. VOLTAGE CONTROL
4. OVEN +VDC
5. RF OUTPUT
6. RF & CASE GROUND
7. RF & CASE GROUND


ATTENTION
Static Sensitive
Devices
 Handle only at
 Static Safe Work
 Stations

DO NOT SCALE PRINT, UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]		TOLERANCES:		ANGLES ±1°		INCHES .001 ± .015 [SEE # 1.02]		[MILLIMETERS] [SEE # 0.38]		BILEY ELECTRIC CO. 2545 WEST GRANDVIEW BLVD. ERIE, PENNSYLVANIA 16506	
MATERIAL:		SHOP TYPE		SUPERSEDES							
FINISH:		DR.		CL.		AP.		DRS		OUTLINE DRAWING NV26T	
		SIZE		FSCM NO.		DRAWING NO.		RE			
		B		71034		811441					
		SCALE:		1:1		DATE		3-19-99			