

**TYPICAL SPECS**

**Input Frequency**

79.4 ±1.2 MHz

**Input Level**

+10 dBm ±1 dB into 50-ohm load

**Divide Factor**

Divide by 2

**Output Frequency**

39.7 ±0.6 MHz, sine

**Output Type**

+13 dBm ±2 dB into 50-ohm load

**Phase Noise Floor (Output Referred)**

-165 dBc/Hz; (-170 dBc, goal),

10 kHz offset

**Harmonics**

-30 dBc

**Power Requirements**

+15 VDC, ≤ 70 mA

**Operating Temperature**

+25 ±5°C

**MECHANICAL**

**Dimensions**

2 x 1.25 x 0.8"

**Connectors**

RF Input/Output: SMA(f)

Supply: Feed thru capacitor solder pin

GND: Ground turret solder pin

**Packaging**

Nickel-plated machined aluminum case

**Weight**

≤ 70 grams

**Label**

Label as follows on conventional label and cover with lexan Blue Tops label:

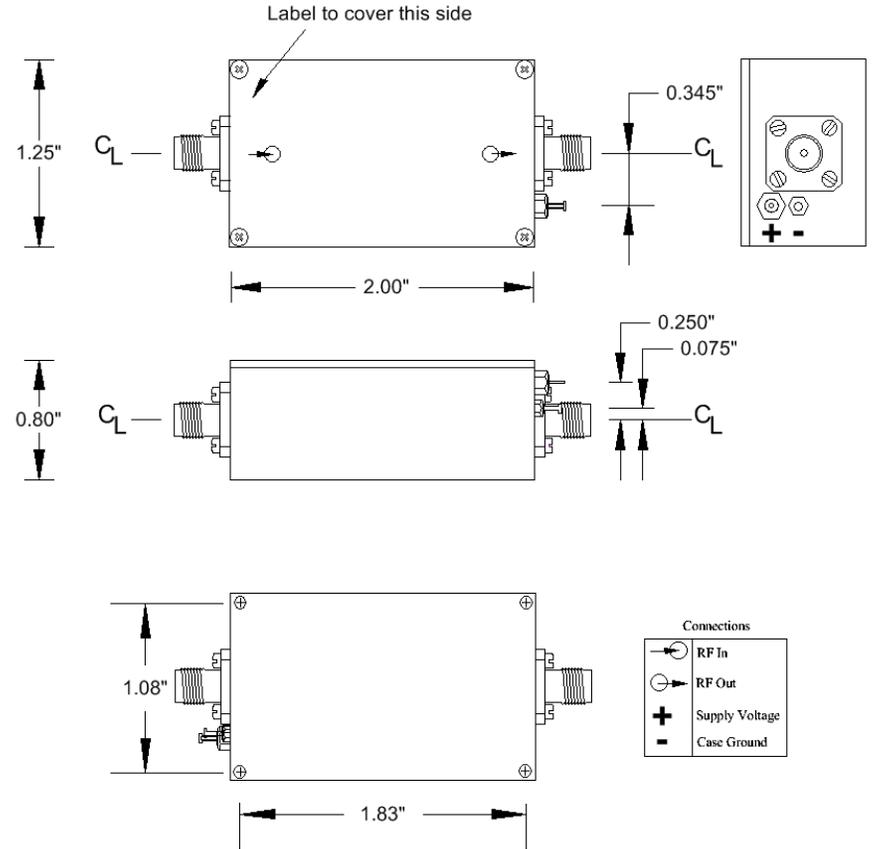
600-22673 (Current Rev.)

FREQ DIVIDER (79.4/2)

+15 VDC

SN – Date Code

REV	DATE	REVISION RECORD	DWN	AUTH
-	07-14-10	Initial Release	PAC	



<b>WA</b>		<b>Wenzel Associates, Inc.</b> Austin, Texas		
Title: <b>Blue Tops Low Noise Frequency Divider (79.4/2)</b>				
P/N: <b>600-22673</b>	Rev: <b>-</b>	Date: <b>07-14-10</b>	Drawn:	Ref:
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: <b>±0.030"</b>	0.XXX Dec: <b>±0.010"</b>	FSCM: <b>62821</b>	Page 1 of 1