

ELECTRICAL

Input Frequency

79.4 ±1.2 MHz

Input Level

+10 dBm ±1 dB into 50-ohm load

Multiplication Factor

X2

Output Frequency

158.8 ±2.4 MHz

Output Level

+13 dBm ±1 dB into 50-ohms load

Amplifier

GALI-51 (BT) or equivalent

Harmonics

< -25 dBc

Sub-Harmonics

< -40 dBc

Power

+15 VDC, ≤ 100 mA

Noise Floor (Input Referred)

-170 dBc/Hz (10 kHz offset)

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

Label

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

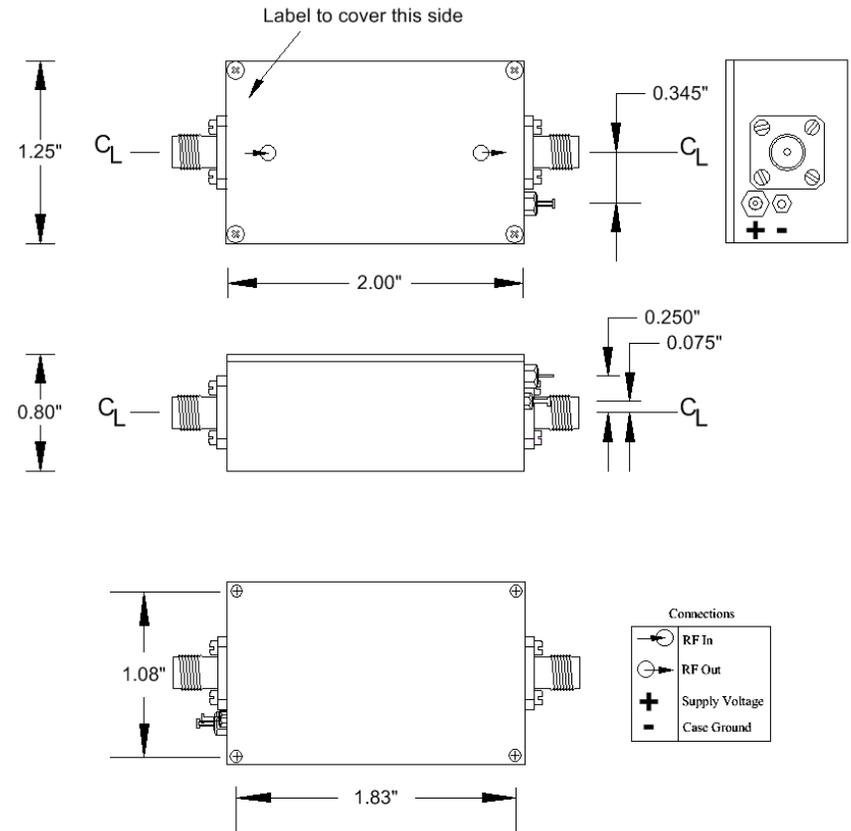
600-22672 (Current Rev.)

MULTIPLIER (79.4x2)

+15 VDC

SN – Date Code

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



Bottom view: Each mounting hole has a helicoil insert that accommodates a 2-56 screw.

 Wenzel Associates, Inc. Austin, Texas				
Title: Blue Tops Low Noise Diode Doubler (79.4x2)				
P/N: 600-22672	Rev: -	Date: 07-14-10	Drawn:	Ref:
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1