

ELECTRICAL

Input Frequency

79.4 \pm 1.2 MHz

Input Level

+10 dBm \pm 1 dB into 50-ohm load

Multiplication Factor

X2

Output Frequency

158.8 \pm 2.4 MHz

Output Level

+13 dBm \pm 1 dB into 50-ohms load

Amplifier

GALI-51 (BT) or equivalent

Harmonics

< -25 dBc

Sub-Harmonics

< -40 dBc

Power

+15 VDC, \leq 100 mA

Noise Floor (Input Referred)

-170 dBc/Hz (10 kHz offset)

Operating Temperature

+25 \pm 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:

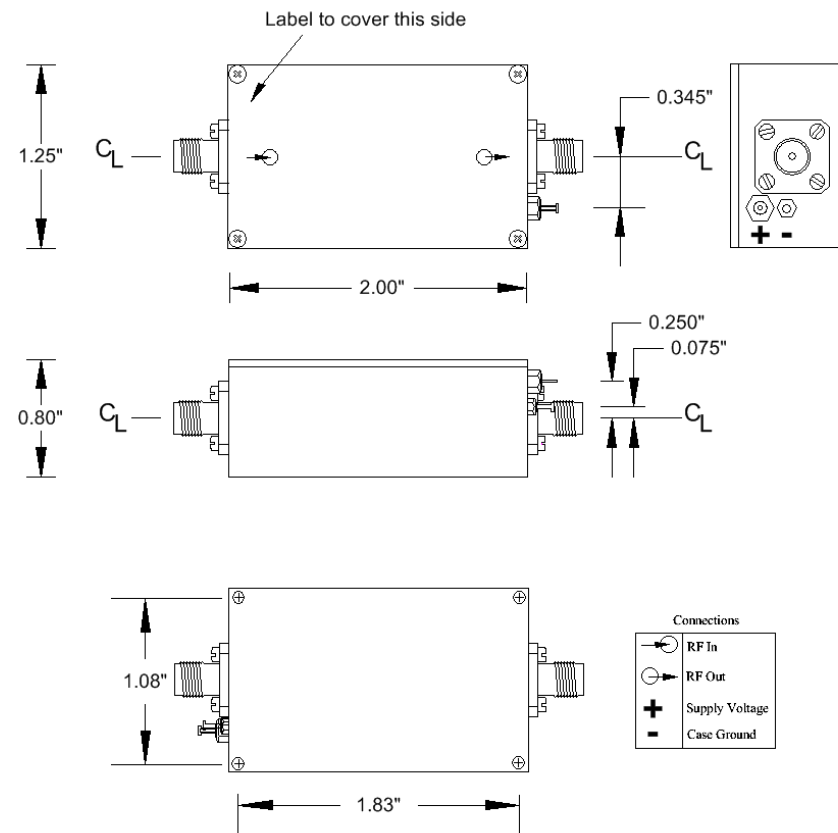
600-22672 (Current Rev.)

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:

\pm 0.030"

0.XXX Dec:

\pm 0.010"

FSCM:

62821

Page 1 of 1