

REV	DATE	REVISION RECORD	DWN	AUTH
-	11-23-09	Draft	VG	JR

**INPUT**

**Input Frequency**

11.06 MHz

**Input Power Level**

+13 dBm, ±2 dBm

**OUTPUT**

**Output Frequency**

55.30 MHz

**Output Power Level**

+20 dBm, ±2 dBm

**Harmonics**

≤ -60 dBc

**Sub-Harmonics**

≤ -60 dBc

**POWER**

**Input Voltage**

+15 VDC, ±5%

**Current**

200 mA maximum

**Phase Noise (Input Referred)**

10 Hz -110 dBc/Hz

100 Hz -140 dBc/Hz

1 kHz -160 dBc/Hz

10 kHz -165 dBc/Hz

**MECHANICAL**

**Dimensions**

3 x 1.25 x 0.8"

**Connectors**

Feed-thru capacitor pin for power,

ground terminal

Female SMA for input / output

**Packaging**

Nickel-plated machined aluminum case

**Label**

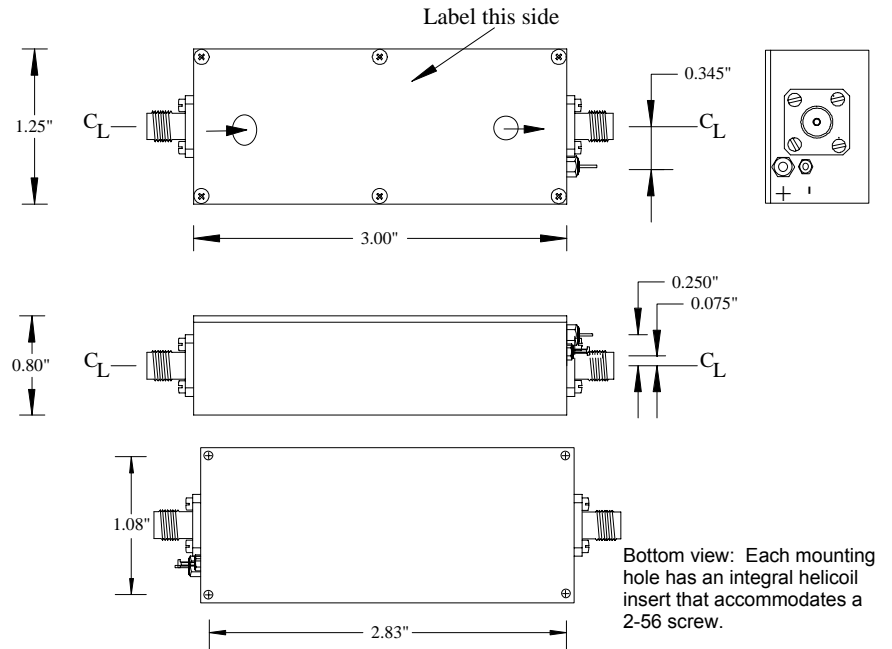
Label as follows on conventional label and cover with lexan Blue Tops label:

600-21755

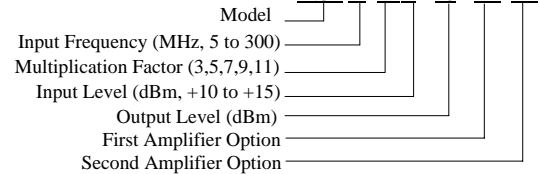
MULTIPLIER

+15 VDC

SN – Date Code

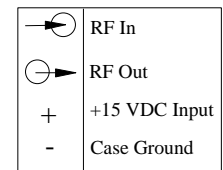


**Ordering Information:**



X indicates no Amp

**Connections**



**Wenzel Associates, Inc.**

Austin, Texas

Title:

**Blue Tops Low Noise Fixed Frequency Odd-Order Multiplier**

P/N:

**600-21755**

Rev:

-

Date:

**11-23-09**

Drawn:

Ref:

Tolerances:  
(except as noted)  
Dimensions are in inches

0.XX Dec:  
**±0.030"**

0.XXX Dec:  
**±0.010"**

FSCM:  
**62821**

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