07-01-09 Draft **OUTPUT** Frequency 100 MHz Level +13 dBm ±2 dB into 50 ohms **STABILITY** Aging 1 x 10⁻⁶ per year .⊑ Frequency Adjust after 30 days operating, typical Access Screw Phase Noise L(f) -1.835 in -100 Hz -130 dBc/Hz 1 kHz -158 dBc/Hz 0in ---10 kHz -176 dBc/Hz 100 kHz -176 dBc/Hz 0.308in -**Temperature Stability** ±2 x 10⁻⁷, 0° to +60°C (Ref +25°C) 1.865 in **MECHANICAL Dimensions** 1.835 x 1.865 x 0.75" 2 Connectors SMA(f) and solder pins on side **Packaging** Nickel-plated machined aluminum case POWER REQUIREMENTS Warm-Up Power ≤ 5 Watts for 5 minutes 0.750 in-**Total Power** 0.550 in-≤ 2.7 Watts at +25°C 0.400 in **Supply Voltage** +15 VDC ±5% 0 in-**ADJUSTMENT Mechanical Tuning** ±4 x 10⁻⁶ **Electrical Tuning** ±2 x 10⁻⁷, ±5 VDC Negative slope **CRYSTAL** Wenzel Associates, Inc. Type Austin, Texas 100 MHz Premium 100 MHz-SC Ultra Low Noise Crystal Osc.

_	1.665 ir	_	
			0.085 in
9	®		
₩		₩	1.695 in
4X 2-56 TAP, 0.100 DEEP			
CONN	Fur	nction	
1 2 3 4	Electrical Tuning Case Ground Supply Voltage RF Output		
zel Associates, Inc.			

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Date:

07-01-09

0.XXX Dec:

±0.015"

Rev:

0.XX Dec:

±0.030"

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Tolerances:

(except as noted)

Dimensions are in inches

DATE

REVISION RECORD

DWN

VG

AUTH

JR