		REV	DATE		REVISION RECORD	DWN	AUTH
OUTPUT		-	04-25-18	Initial Release	9	SS	BH
Frequency	Test Data						
100 MHz	Phase Noise						
Level	Temp. Stability						
+13 ±2dBm into 50 ohms	Temp: Stability						
STABILITY							_
Aging							
1×10^{-6} per year							
after 30 days operating, typical				_ Frequency a	djustment access	screw	
Phase Noise L(f)							
10 Hz -102 dBc/Hz		Δ				0.500	
100 Hz -132 dBc/Hz		1"	V			0.000	
1 kHz -162 dBc/Hz		TYP.	(//)		$+$ $< $ $\frac{0.000}{0.050}$	
10 kHz -178 dBc/Hz			V		ļΔ	0.500	
Temperature Stability		<u>V</u>	T	I	Π	0.500 SMA Connector, 2 pl	2005
±2 x 10 ⁻⁷ , 0° to +50°C (Ref +25°C)			U			Dia. = 0.03 ", 4 places	
MECHANICAL				– 2.94" – TYP. ––––		#4-40 x 1/4" thread	
Dimensions			4	_ TYP	$\neg \neg$	insert, 4 places	
1.75 x 2.94 x 1"		$\overline{\Lambda}$)	- 8	0.875	
Connectors			$\bigcirc \bigcirc$			0.625	
SMA on side and solder pins on			3		4 5] 0.375	
base		1.75" TYP. –				0.000	
Packaging		TYP.					
Solder sealed steel can			2		1 6] 0.375	
POWER REQUIREMENTS			\bigcirc			0.625	
Warm-Up Power						0.875	
5 Watts for 5 minutes						nn Function	
Total Power		.469	0.469 0.969 1.219	0.000	5 1.469 1.231 0.781	1 NC 2 Ground and Cas	
2.5 Watts at +25°C		Ø	999	0		3 Supply Voltage	е
Supply Voltage		Connector numbers are	for reference of	only, they do no		4 NC 5 Electrical Tuning	
+15 VDC				,,,		6 RF Output	
ADJUSTMENT							
Mechanical Tuning							
$\pm 2.5 \times 10^{-6}$							
Electrical Tuning							
±2 x 10 ^{.7} , ±5 VDC							
Negative slope		·	_				
Negative slope CRYSTAL		—		Venzel	Associat	es, Inc.	
Negative slope CRYSTAL Type				Venzel	Associat Austin, Texas	es, Inc.	
Negative slope CRYSTAL		Title:	لغا		Austin, Texas	-	
Negative slope CRYSTAL Type			لغا		Austin, Texas	es, Inc. Crystal Osci	llator
Negative slope CRYSTAL Type		1 C P/N:	لغي) 00 MHz-S	C Ultra I	Austin, Texas	Crystal Osci	ef:
Negative slope CRYSTAL Type		1 C P/N:	لغا	C Ultra I	Austin, Texas	Crystal Osci	
Negative slope CRYSTAL Type		1 C P/N:	لغي 00 MHz-S 1-31658	C Ultra I	Austin, Texas	Crystal Osci Drawn: Re 5 FSCM:	ef: