		DEV/	5475		DEL//OLON DEGODD	51401	411711
		REV	DATE 12-22-15	Initial Release	REVISION RECORD	DWN Liz	AUTH
OUTPUT			12-22-15	IIIIIai nelease		LIZ	+
							-
Frequency							+
10 MHz Level							+
+13 dBm ±2 dB into 50 ohms			18.	1			•
STABILITY							
Aging -10		i	2.00	1 1	4.25	1	
5 x 10 ⁻¹⁰ per day			-3.00		4.37		
after 30 days operating, typical	F 6 - 15 5						\neg
Phase Noise L(f), dBc/Hz	Freq. Adjust Seal Screw	(9 , 3	8 6 0 0 0 8 8 2 3	o <u>'</u> ≝‡•			1
1 Hz -118	Seal Sciew		8 8 0 0 0 8 8 2 3	4		[
10 Hz -148	<u> </u>	1				1,3	2 2.00
100 Hz -162	1.39 1.17						
1 KHz -168	ļļ			, p		이—	
10 KHz -170	-1-1-	L		<i> </i>			
100 KHz -172		II.	2.48	┤ / ├ -	3.81	-	
Temperature Stability			92——	/	4 V 2 EC 4 places		
±5 x 10 ⁻¹⁰ , 0° to +50°C		1.3	72 -		4 X 2-56, 4 places		
AFOLIANICAL	0.66 -	 -	_				
MECHANICAL	SMA-Female —	- 6	пπ	 π			
Dimensions	T -		ga M hlu	g o [<u> </u>		
4 x 3 x 2"	Ţ #				Conn Function		
Connectors					1 RF Output		
SMA(f) and feedthru capacitor					2 Electrical Tuning		
Packaging		9		9	3 Ground, Case		
Nickel-plated machined					4 Supply Voltage		
aluminum enclosure case	4.00 3.81	æ		•			
POWER REQUIREMENTS				Con	nector numbers are for ref	erence only	<i>i</i> .
Warm-Up Power		a			y may not appear on unit.	0.00	
10 Watts for 30 minutes	1] '	•		
Total Power	 	1					
5 Watts at +25°C	0.61	19		9			
Supply Voltage	1	<u> </u>	<u>e</u> e		4 X 2-56, 4 places		
+15 VDC ±5%	Ī		2.81				
ADJUSTMENT		·		•			
Mechanical Tuning							
±2 x 10 ⁻⁷							
Electrical Tuning							
14 10 ⁻⁶ 01 10 1/D0			W \	Wenzel A	Associates, Inc	.	
±1 x 10 ⁻⁶ , 0 to +10 VDC		Austin, Texas					
Negative slope		Title:					
CRYSTAL		10	MHz-SC	Blue To	p Ultra Low Noise	e Oscill	ator
Туре		P/N:		Rev: Dat	<u> </u>	Ref:	
5 MHz SC-cut (x2)			1-29647		2-22-15		01-28227
		Tolerances (except as	noted)	0.XX Dec:	0.XXX Dec: FSCM:	Page 1	of 1
		Dimensions	s are in inches	±0.030"	±0.010" 62821	raye I	UI