ОИТРИТ	REV         DATE         REVISION RECORD         DWN         A           -         04-28-21         Draft         BH
FrequencyOTHER10 MHzLabel	
Level Label as follows:	
+10 dBm ±3 dB into 50 ohms 501-33920	
STABILITY 10 MHz	
5 5 -	0
10 × 10 per day after 50 days	5
operating, typical	
±5 x 10 <sup>-8</sup> per year after 180 days	
operating, typical	0.50 Stand-offs ±0.015 0.025 ±0.005
Phase Noise L(f)	$\pm 0.015$ 0.025 $\pm 0.005$
10 Hz -126 dBc/Hz	
100 Hz -146 dBc/Hz	Pin length, 5 places 0.250 ±0.010
1 kHz -160 dBc/Hz	
10 kHz -165 dBc/Hz	Pin DIA. $  $ Insulated (glass)
100 kHz -165 dBc/Hz	$\underbrace{\begin{array}{c} 0.030 \pm 0.002 \\ \text{stand-offs, 4 places} \end{array}$
Temperature Stability	
±2 x 10 <sup>-8</sup> , 0°C to +50°C (Ref +25°C)	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
±5 x 10 <sup>-8</sup> , -20°C to +70°C (Ref +25°C)	1 OR SO
±1 x 10 <sup>-7</sup> , -40°C to +85°C (Ref +25°C)	1.00 SQ. ±0.030 -0.000 2 Ground, Case
MECHANICAL	±0.030 3 Electrical Tuning 4 N/C
Dimensions	5 4 5 Supply Voltage
≤ 1.03" x 1.03" x 0.515"	
Connectors	
Solder pins on base	
Packaging	
Solder sealed steel can	-0.125 -0.375 -0.375 -0.375
POWER REQUIREMENTS	
Warm-Up Power	Connector numbers are X
<4W for 3 min	for reference only. They
Total Power	are not marked on the unit.
< 1.5W at +25°C steady state, typical	
Supply Voltage	
+12 VDC, ±5%	
ADJUSTMENT	
Electrical Tuning	
±1 x 10 <sup>-6</sup> , 0 - 10 VDC	W Wenzel Associates, Inc.
Positive slope	Austin, Texas
CRYSTAL	Title: 10 MHz-SC Onyx IV Crystal Oscillator
Туре	
10 MHz SC-cut, 3e-10/g typical	P/N: Rev: Date: Drawn: Ref: 501_33020 - 0/1_28_21 2257
	501-33920 - 04-28-21 <sup>2257</sup>
	Tolerances: 0.XX Dec: 0.XXX Dec: FSCM: (except as noted)
	$\pm 0.030$ " $\pm 0.010$ " $62821$ Page 1 of 1