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Find the *Greenray Industries YH1322-38* at our website: *Click HERE*

YH1322 Series OCXO

10 MHz – 120 MHz

(Rev H)

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

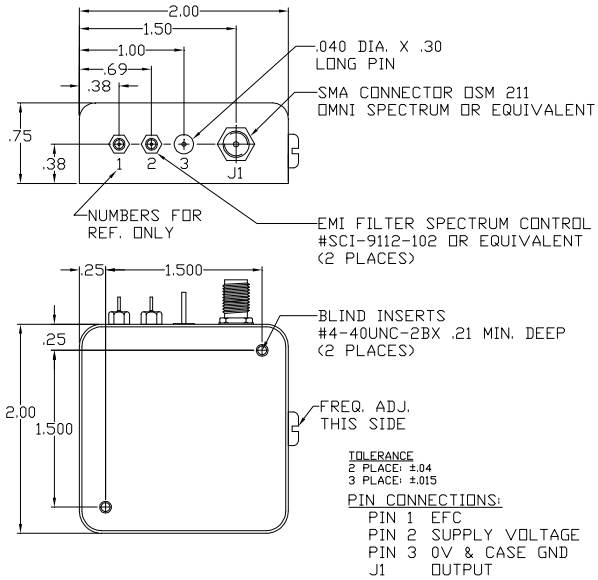
Very Low Phase Noise
HCMOS or Sinewave Output
Ideal for Base Station or Test Equipment Apps

SPECIFICATIONS

Frequency		10.0 MHz to 120.0 MHz				
Output		Sinewave, +10dBm min into 50 ohms				
Harmonics		-20dBc				
Temp Stability		**Temp Range**	**10MHz Tol**	**Model**	**100MHz Tol**	**Model**
		0 to +50°C	± $1x10^{-8}$	B18	± $5x10^{-8}$	B58
		-10 to +60°C	± $1.5x10^{-8}$	G158	± $7x10^{-8}$	G78
		-20 to +70°C	± $2x10^{-8}$	N28	± $1x10^{-7}$	N17
		-40 to +85°C	± $5x10^{-8}$	T58	± $3x10^{-7}$	T37
Freq vs. Supply		±$5x10^{-9}$ for a 5% change				
Aging		±$1x10^{-7}$ per year (10MHz); ±$5x10^{-7}$ per year (100MHz)				
Input Voltage		+15 VDC ± 5% - Option C				
		+12 VDC ± 5% - Option D				
Input Power		Turn-on - ≤ 6W for 5 minutes				
		Idle - ≤ 2.5W @ +25°C				
Warm-up Time		within ± $5x10^{-8}$ in 5 minutes, ref to 60 minute frequency @ +25°C				
Phase Noise		**10MHz Std**	**10MHz Ultra-Low**	**100MHz Std**	**100MHz Ultra-Low**	
(Sine Max)	10 Hz	-125 dBc/Hz	-128 dBc/Hz	-85 dBc/Hz	-90 dBc/Hz	
	100 Hz	-150 dBc/Hz	-155 dBc/Hz	-115 dBc/Hz	-120 dBc/Hz	
	1 kHz	-160 dBc/Hz	-163 dBc/Hz	-145 dBc/Hz	-150 dBc/Hz	
	10 kHz	-165 dBc/Hz	-168 dBc/Hz	-160 dBc/Hz	-165 dBc/Hz	
	100 kHz	-165 dBc/Hz	-168 dBc/Hz	-165 dBc/Hz	-168 dBc/Hz	
Frequency Adjust		±1.0 ppM typ, positive slope				
		+0.5 to +5.0V EFC				
Shock (optional)		MIL-STD-202, Method 213, Condition C				
Vibration (optional)		MIL-STD-202, Method 204, Condition A				

Ordering Example: YH1322 - N28 - D - UL - 10.0MHz
(Model# - Stability – Input V - Phase Noise Opt - Frequency)

PIN CONNECTIONS
1 - EFC
2 - Input Voltage
3 - 0V, Case Gnd
J1 - Output



To inquire about available custom parameters, please contact us at ***sales@greenrayindustries.com***.

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We buy equipment

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