GREENRAY INDUSTRIES, INC.

YH1330 Series **OCXO**
10.0 MHz – 30.0 MHz

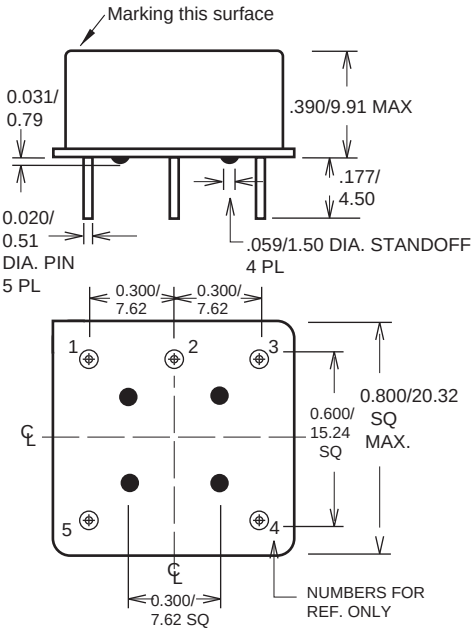
PRECISION QUARTZ TECHNOLOGY

Small Size OCXO
HCMOS or Sine Wave Output
5 or 12V Supply

PRELIMINARY SPECIFICATIONS

Frequency	10.0 MHz to 30.0 MHz		
Output	HCMOS or Sine Wave		
Input Voltage	+5 Vdc ± 5% or +12 Vdc ± 5%		
Input Power; Warm-up@25°C	< 2.5 W		
Steady State @25°C	< 1.0 W		
	Temperature Range	**Tolerance**	**Model**
Operating	0 to +50°C	± 1 x 10^{-7}	B17
Temperature/Stability	-10 to +60°C	± 3 x 10^{-7}	D37
	-20 to +70°C	± 5 x 10^{-7}	F57
Frequency Control Pin 1	> ±5 ppm, 0.5 to 4.5 V Positive Slope		
Freq. vs. Input Voltage ±5%	± 5.0 x 10^{-9}		
Aging	±1.0 ppm 1st year		
Phase Noise	**Offset Frequency (Hz)**	**dBc/Hz**	
(Typical @ 10 MHz)	10	-100	
	100	-115	
	1K	-135	
	10K	-145	

Model	**Input Voltage**	**Output**	**Temperature Stability Options**		
YH1330	+5.0 Vdc	HCMOS	B17	D37	F57
YH1331	+12.0 Vdc	Sine Wave	B17	D37	F57
YH1332	+5.0 Vdc	Sine Wave	B17	D37	F57
YH1333	+12.0 Vdc	HCMOS	B17	D37	F57



Ordering Example: YH1330 - B - 17 - 10.0 MHz
(Model# - Stability - Frequency)

PIN CONNECTIONS
1 – Input Voltage
2 – 0utput
3 – 0V, Case GND
4 – Frequency Control
5 – N/C

Dimensions: Inches (mm)

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

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