



GREENRAY INDUSTRIES, INC.

YH1350 Series **OCXO** 10.0 MHz – 30.0 MHz

PRECISION QUARTZ TECHNOLOGY

HCMOS or Sine Wave Output
5 or 12V Supply

PRELIMINARY SPECIFICATIONS

Frequency	10.0 MHz to 30.0 MHz
Output	HCMOS or Sine Wave
Logic Input Voltage	+5 Vdc $\pm$ 5% for Logic, N/C for Sine
Oven Input Voltage	+12 Vdc $\pm$ 5%
Input Power; Warm-up @25°C	< 4.0 W
Steady State @25°C	< 1.7 W

Temperature Range	Tolerance	Model
Operating	0 to +50°C	$\pm 2 \times 10^{-8}$ B28
Temperature/Stability	-30 to +70°C	$\pm 3 \times 10^{-8}$ D38

Frequency Control > ± 5.0 ppm, 0.5 to 4.5V, Positive Slope

Freq. vs. Input Voltage $\pm 5\%$ $\pm 5.0 \times 10^{-9}$

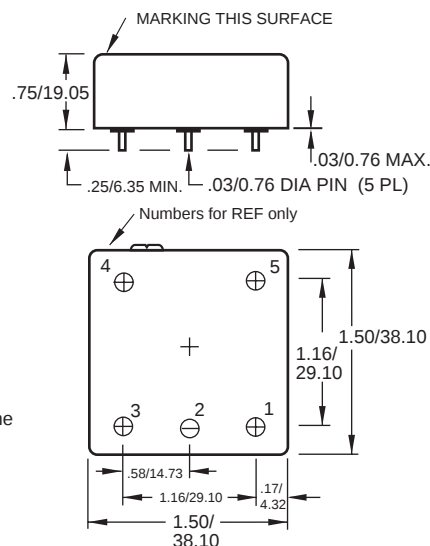
Aging $\pm 5.0 \times 10^{-10}$ per day after 30 days

Phase Noise	Offset Frequency (Hz)	dBc/Hz
(Typical @ 10 MHz)	10	-110
	100	-120
	1K	-145
	10K	-150
	100K	-150

Ordering Example: YH1350 - B - 28 - 10.0 MHz
(Model# - Stability - Frequency)

- PIN CONNECTIONS**
- 1 – Output
 - 2 – Frequency Control
 - 3 – 0V, Case GND
 - 4 – Input Voltage
 - 5 – +5 V for Logic, N/C for Sine

Dimensions: Inches (mm)



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