



GREENRAY INDUSTRIES, INC.

ZT5010 Series TCXO

10.0 MHz – 60.0 MHz

PRECISION QUARTZ TECHNOLOGY

High Stability
HCMOS or Sine Wave Output
3.3V or 5V Supply
Ideal for Communications and Test Equipment

Combination of Analog and Digital design for applications which require low current consumption and excellent stability.

PRELIMINARY SPECIFICATIONS

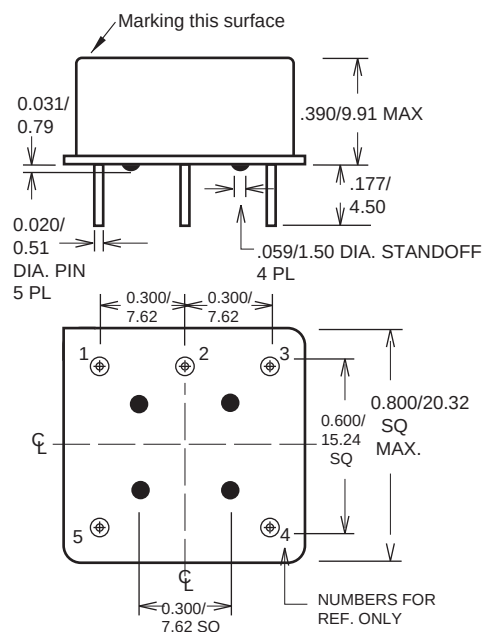
Frequency	10.0 MHz to 60.0 MHz		
Output	HCMOS or Sine Wave		
Input Voltage	+3.3 Vdc $\pm$ 5%, or +5 Vdc $\pm$ 5%,		
Input Current	50 mA max. (20mA max. < 30 MHz)		
	Temperature Range	Tolerance	Model
Operating	0 to +50°C	$\pm$.25 ppm	B257
Temperature/Stability	-20 to +70°C	$\pm$.30 ppm	N37
	-40 to +85°C	$\pm$.50 ppm	T57
Frequency Control	> $\pm$ 5 ppm 0 to 3.3V, Positive Slope		
Aging	$\pm$ 1.0 ppm 1 st year		

Model	Input Voltage	Output	Temperature Stability Options		
ZT5010	+5.0 Vdc	HCMOS	B257	N37	T57
ZT5011	+5.0 Vdc	Sine Wave	B257	N37	T57
ZT5012	+3.3 Vdc	HCMOS	B257	N37	T57
ZT5013	+3.3 Vdc	Sine Wave	B257	N37	T57

Ordering Example: ZT5010 - N - 37 - 10.0 MHz
(Model# - Stability - Frequency)

PIN CONNECTIONS

- 1 – Input Voltage
- 2 – Output
- 3 – 0V, Case GND
- 4 – Frequency Control
- 5 – Pin is Internally Connected - Consult factory before use.



Dimensions: Inches (mm)

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