



GREENRAY INDUSTRIES, INC.

ZT5050 Series **TCXO**
10.0 MHz — 60.0 MHz

PRECISION QUARTZ TECHNOLOGY

Very High Stability
Euro Package
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

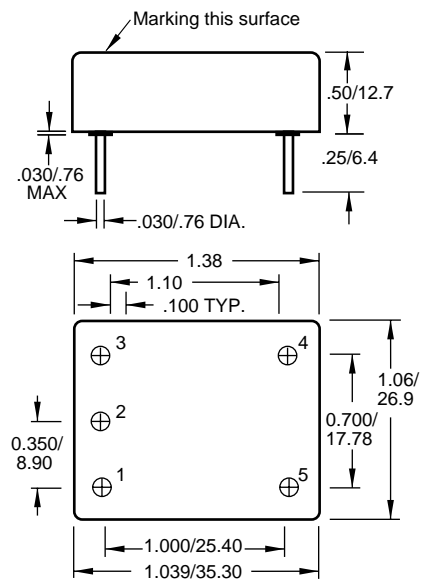
Frequency	10.0 MHz to 60.0 MHz		
Output	HCMOS or Sine Wave		
Input Voltage	+3.3 Vdc \pm 5%, or +5 Vdc \pm 5%,		
Input Current	50 mA max., 20mA max.($<$ 30 MHz), 45mA max.(@ 10 MHz)		
Operating Temperature/Stability	Temperature Range	Tolerance	Model
	0 to +50°C	\pm .04 ppm	B48
	-20 to +70°C	\pm .05 ppm	N58
	-40 to +85°C	\pm .07 ppm	T78
Frequency Control Aging	> \pm 5 ppm 0 to 3.3V, Positive Slope \pm 1.0 ppm 1 st year		

Model	Input Voltage	Output	Temperature Stability Options		
ZT5050	+5.0 Vdc	HCMOS	B48	N58	T78
ZT5051	+5.0 Vdc	Sine Wave	B48	N58	T78
ZT5052	+3.3 Vdc	HCMOS	B48	N58	T78
ZT5053	+3.3 Vdc	Sine Wave	B48	N58	T78

Ordering Example: ZT5050 - N - 58 - 10.0 MHz
(Model# - Stability - Frequency)

- PIN CONNECTIONS**
- 1 - Frequency Control
 - 2 - Reference Voltage
 - 3 - Input Voltage
 - 4 - Output
 - 5 - 0V, Case GND

Dimensions: Inches (mm)



Pin Numbers for REF only
Tolerance: Inch/mm \pm .04/1.0, \pm .015/.38

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