



ZT620 to ZT623 Series TCXO

1.25MHz – 200MHz

(Rev C)

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

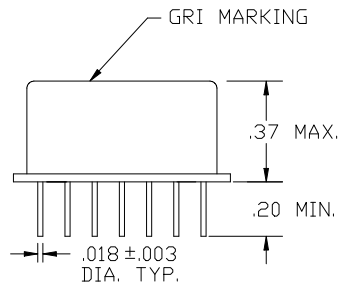
Standard DIP Package
Tight Stability/Low Noise

SPECIFICATIONS

Frequency	1.25 MHz to 300.0 MHz		
Output	ZT620/ZT621 - Squarewave, CMOS (available at 1.25 to 100 MHz) ZT622/ZT623 – PECL (available 50 to 200MHz)		
Load	ACMOS – 15pF ±5% PECL – 50 ohms to $V_{supply} - 2.0V$		
Symmetry	50% ±10%		
Temp Stability	Temp Range	Tolerance	Option
	-10 to +60°C	±2x10 ⁻⁷	G27
	-20 to +70°C	±3x10 ⁻⁷	N37
	-40 to +85°C	±5x10 ⁻⁷	T57
	-40 to +85°C	±1x10 ⁻⁶	T16
Aging	<1ppM/yr		
Input V	ZT620 & ZT622 - +5.0VDC ±5% ZT621 & ZT623 - +3.3VDC ±5%		
Phase Noise (typ @ 10MHz)	10Hz	-95dBc/Hz	
	100Hz	-125dBc/Hz	
	1kHz	-140dBc/Hz	
	10kHz	-150dBc/Hz	
	100kHz	-155dBc/Hz	
Frequency Adjust	±5.0ppM typ, positive slope 0 to V_{supply} EFC		

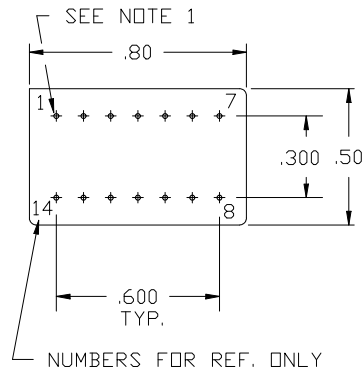
Ordering Example:

ZT620-N37-10.0 MHz
(Model-Stability-Frequency)



Pin Connections:

- 1 - EFC
- 7 - 0V/Case Gnd
- 8 - Output
- 14 - Supply V



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

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