



GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

ZT281 Series TCXO

1.0 MHz – 50.0 MHz

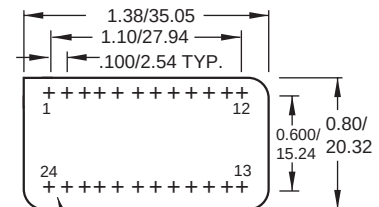
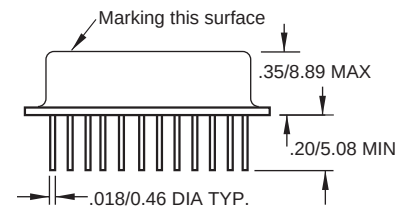
HCMOS Output
12.0V Supply

SPECIFICATIONS

Frequency	1.0 MHz to 50.0 MHz				
Output	HCMOS				
Input Voltage	+12 Vdc $\pm$ 10%				
Input Current	40 mA (typical @ 5 MHz)				
Operating Temperature/Stability	<table> <tr> <th>Temperature Range</th><th>Tolerance</th></tr> <tr> <td>-30 to +70°C</td><td>$\pm$ 1 ppm</td></tr> </table>	Temperature Range	Tolerance	-30 to +70°C	$\pm$ 1 ppm
Temperature Range	Tolerance				
-30 to +70°C	$\pm$ 1 ppm				

Frequency Control	> $\pm$ 5 ppm 0.5 to 4.5V, Positive Slope
Aging	1.0 ppm 1 st year

Phase Noise (Typical @ 35 MHz)	Offset Frequency (Hz)	dBc/Hz
	10	-75
	100	-100
	1K	-125
	10K	-135
	100K	-140

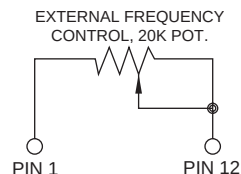


Numbers for REF only
Tolerance: 2 PL $\pm$.02/0.51; 3 PL $\pm$.005/0.13

PIN CONNECTIONS

- 1 – EFC
- 12 – 0V, Case GND
- 13 – Output
- 24 – Input Voltage

Dimensions: Inches (mm)



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