



T1243 series TCXO

10 to 50.0 MHz

(Rev B)

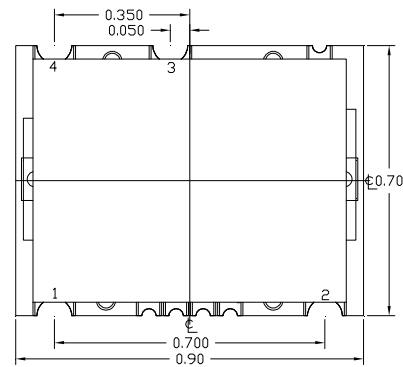
GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

Ultra-Low Acceleration Sensitivity
Low Phase Noise

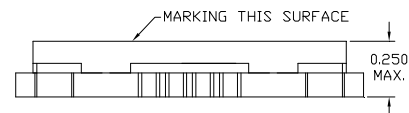
SPECIFICATIONS

Frequency	10.0 to 50.0 MHz	
Output	CMOS Squarewave	
Symmetry	50% ± 10%	
Load	15pF	
Temp Stability	Temp Range	Tolerance
	-40 to +85°C	±2x10 ⁻⁶
Freq vs. Supply Aging	±1x10 ⁻⁶ for a 5% change <1ppM per year	
Input Voltage	+3.3VDC or +5.0VDC ± 5%	
Input Current	30mA max	
Phase Noise	Offset	dBc/Hz
(typical 25MHz & +5.0V)	10 Hz	-100
	100 Hz	-127
	1 kHz	-150
	10 kHz	-160
	100 kHz	-165
	Floor	-168
G-Sensitivity	≤7x10 ⁻¹⁰ /g (SD option); ≤7x10 ⁻¹¹ /g (LG option), worst axis	
Frequency Adjust	±7ppM typ via 0 to +3.3VDC, Positive slope	



Ordering Example:

T1243-3.3-LG-50.0MHz
(Model-InpV-GSense-Freq)



Pad Connections

- 1 - Output
- 2 - N/C
- 3 - 0 V & Case Gnd
- 4 - VSupply

