



T1307 Series TCXO

10 to 50 MHz

(Rev -)

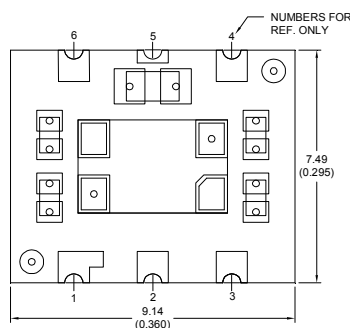
GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

Ultra-Low Acceleration Sensitivity
Miniature SMT Package

SPECIFICATIONS

Frequency	10.0 to 50.0 MHz
Output	CMOS Squarewave (Option C) or Clipped Sinewave (Option S)
Symmetry	50% $\pm$ 10% (CMOS)
Load	15pF/10kohm
Temp Stability	Temp Range Tolerance -40 to +85°C $\pm 1 \times 10^{-6}$
Freq vs. Supply	$\pm 1 \times 10^{-7}$ for a 5% change
Freq vs. Load	$\pm 1 \times 10^{-7}$ for a 10% change
Aging	$\leq \pm 0.5$ ppM/year after 14 days operation
Input Voltage	+5.0VDC or +3.3VDC $\pm$ 5%
Input Current	6mA max
Warm Up Time	to within ± 1 ppM in 10msec
Phase Noise	10 Hz -95 dBc/Hz
(typical, 10MHz)	100 Hz -123 dBc/Hz
	1 kHz -145 dBc/Hz
	10 kHz -155 dBc/Hz
	100 kHz -157 dBc/Hz
G-Sensitivity	$\leq 7 \times 10^{-11}$ /g, total gamma
Frequency Adjust	± 7.0 ppM typ, positive slope 0 to Vcc EFC, 50k ohm input Z

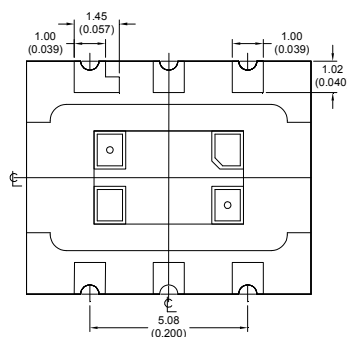
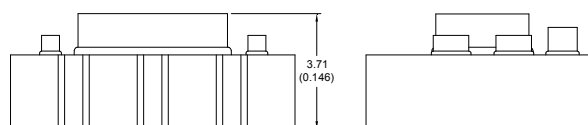


Ordering Example:

T1307-C-3.3-10.0MHz
(Model-Output-Inp V-Freq)

Pad Connections

- 1 - EFC
- 2 - N/C
- 3 - 0 V & Case Gnd
- 4 - Output
- 5 - Tri-State
- 6 - VSupply



ALL DIMENSIONS ARE IN mm(in)

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

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