



# T1265 Series TCXO

50.0 to 125.0 MHz  
(Rev -)

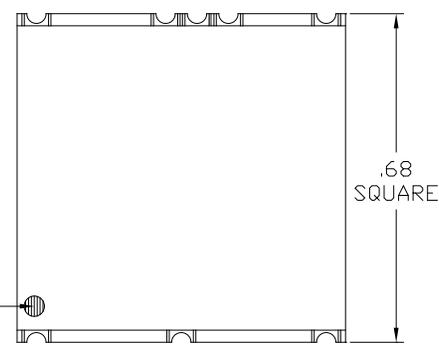
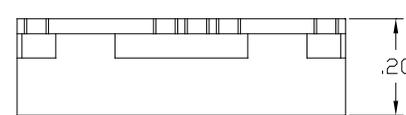
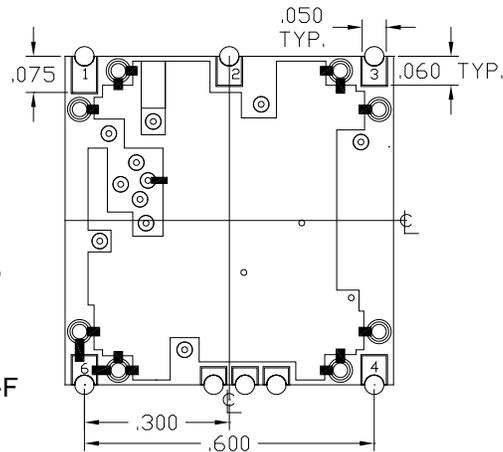
GREENRAY INDUSTRIES, INC.

## PRECISION QUARTZ TECHNOLOGY

Low Phase Noise

### SPECIFICATIONS

<b>Frequency</b>	50.0 to 125.0 MHz	
<b>Output</b>	Squarewave, CMOS into 15pF load, $\pm 10\%$	
<b>Symmetry</b>	50% $\pm 10\%$	
<b>Rise/Fall Time</b>	$\leq 10\text{ns}$	
<b>Temp Stability</b>	<b>Temp Range</b>	<b>Tolerance</b>
	-40 to +85°C	$\pm 1 \times 10^{-6}$
	Ramp rate of up to 2°/minute; shall meet spec within 1 minute of turn-on.	
<b>Freq vs. Supply</b>	$\pm 3 \times 10^{-7}$ for a 5% change	
<b>Aging</b>	$\leq 1.0\text{ppM/year}$ after 30 days on power	
<b>Supply Voltage</b>	+3.3 or +5.0 VDC $\pm 5\%$	
<b>Input Current</b>	50mA max	
<b>Phase Noise</b>	<b>Offset</b>	<b>dBc/Hz</b>
(typ 100M)	10 Hz	-70
	100 Hz	-100
	1 kHz	-140
	10 kHz	-157
	100kHz	-162
	Floor	-165
<b>Accel Sensitivity</b>	$\leq 1.5 \times 10^{-9}/\text{g}$ typical	
<b>Frequency Adjust</b>	$\pm 5.0\text{ppM}$ typical, positive slope, 0V to Vsupply EFC	
<b>Environmental</b>	Shock - per MIL-STD-202, Meth 213, Cond F	
	Vibration – per MIL-STD-202, Meth 214, Cond I-F	
	Storage Temp - -55 to +95°C	



Ordering Example:

T1265-3.3-100.0MHz  
(Model-InpV-Freq)

### Pad Connections

- 1 - Output
- 2 - N/C
- 3 - Vsupply
- 4 - EFC
- 6 - 0 V & Case Gnd

To inquire about available custom parameters, please contact us at [sales@greenrayindustries.com](mailto:sales@greenrayindustries.com)

840 West Church Rd., Mechanicsburg, PA 17055

Tel: (717) 766-0223 Fax: (717) 790-9509

[www.greenrayindustries.com](http://www.greenrayindustries.com) email: [sales@greenrayindustries.com](mailto:sales@greenrayindustries.com)