



T1268 Series TCXO

20.0 to 100.0 MHz

Rev -

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

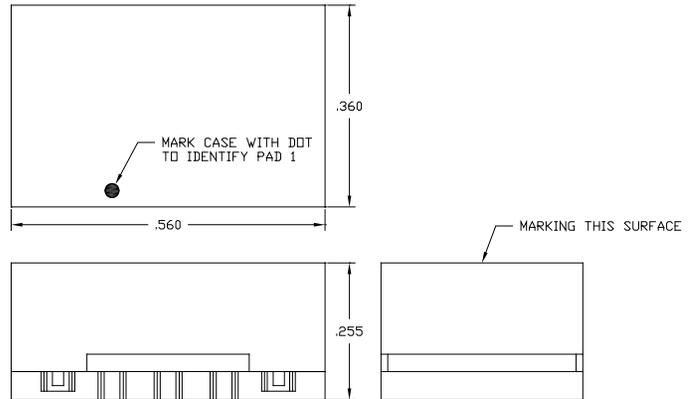
Low Phase Noise

SPECIFICATIONS

Frequency	20.0 to 100.0 MHz		
Output	CMOS		
Load	15pF		
Supply Voltage	+3.3 VDC \pm 5%		
Supply Current	\leq 50mA		
Symmetry	50% \pm 5%		
Temp Stability	Temp	Tolerance	Option
	-40 to +85°C	\pm 1.0ppM	T16
	-40 to +85°C	\pm 2.0ppM	T26
	-55 to +85°C	\pm 2.0ppM	U26
	-55 to +95°C	\pm 3.0ppM	V36
Reflow Shift	<1.0ppM typ after 24hr settling time		
Aging	\leq \pm 1ppM first year; \leq 5ppM for 10 years		
Freq vs. Input V	\leq 0.3ppM for a 5% change		
Freq Adjust	\pm 5ppM min via 0 to +3.0VDC EFC		
Phase Noise	Offset	dBc/Hz	
(typ at 100MHz)	10Hz	-75	
	100Hz	-110	
	1kHz	-130	
	10kHz	-145	
	100kHz	-155	
G-Sensitivity	\leq 2.5x10 ⁻⁹ /g (SD Option)		
	\leq 7.0x10 ⁻¹⁰ /g (LG Option)		
	\leq 4.0x10 ⁻¹⁰ /g (HG Option)		

Environmental

- Storage Temp: -55 to +95°C
- Vibration: MIL-STD-202, Meth 201 & 204, 10g's from 10 to 2000Hz
- Shock: MIL-STD-202, Meth 213, Cond C

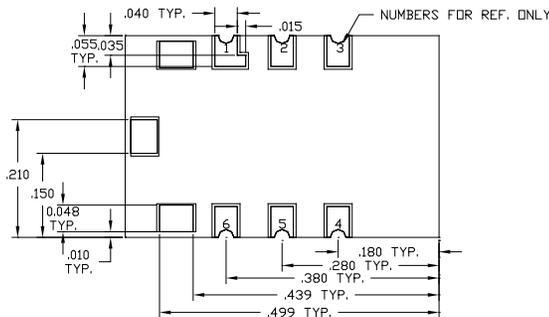


Ordering Example:

T1268-T16-LG-100.0MHz
(Series-Temp-GSense-Freq)

Pad Connections

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



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

840 West Church Rd., Mechanicsburg, PA 17055

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

www.greenrayindustries.com email: sales@greenrayindustries.com