



T1215 series TCXO

750 kHz to 800 MHz
Rev. E

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

Hermetic TCXO
Tight Temp Stability

SPECIFICATIONS

Frequency	750 kHz to 800 MHz		
Output	CMOS (option C); Clipped Sine (option S); LVPECL (option PE), LVDS (option DS) CMOS available 750kHz to 150MHz; Clipped Sine available 10MHz to 50MHz; LVPECL and LVDS available 20MHz to 800MHz		
Symmetry	50% ± 10%		
Temp Stability	Temp Range	Tolerance	Option
	-40°C to +85°C	±0.5 ppM	T57
	-40°C to +85°C	±1.0 ppM	T16
	-55°C to +85°C	±2.0 ppM	U26
	-55°C to +95°C	±3.0 ppM	V36
Aging	<1 ppM/yr; <10ppM for 20 years		
Freq Adjust	±7ppM typ for 0 to Vcc EFC; positive slope		
Supply Voltage	+2.7V to +5.0VDC, ± 5%		
Supply Current	< 80mA		
Accel Sensitivity	2.5x10 ⁻⁹ /g standard (SD); ≤7x10 ⁻¹⁰ /g available (option LG)		

Environmentals

Vibration – per MIL-STD-202F, Meth 204, Cond A

Shock – per MIL-STD-202F, Meth 213, Cond C

Storage Temp -55 to +95°C

Can be screened to MIL-PRF-55310, Class 3 Product Level B (option B); no screening is option X

Fine Leak - MIL-STD-202, Meth 112, Cond C

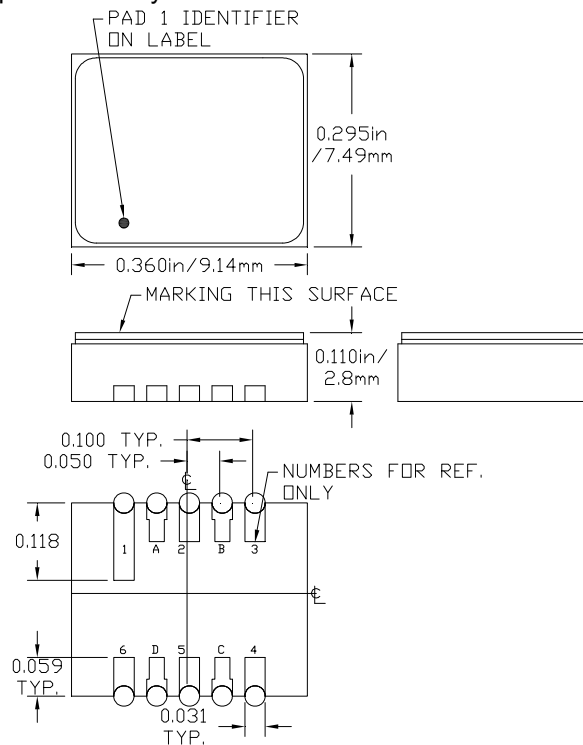
Other vibration and shock levels are available upon review by GRI.

Ordering Example:

T1215-T57-PE-3.3-SD-X-300.0MHz
(Model-Temp-Output-InpV-Gsense-Screen-Freq)

Pad Connections

- 1 - EFC
- A - N/C
- 2 - Vref (+2.5VDC)
- B - Tristate
- 3 - 0 V & Case Gnd
- 4 - Output
- C - Comp Output
- 5 - N/C
- D - N/C
- 6 - VSupply



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