



T1215 series TCXO

750 kHz to 800 MHz

Rev. C

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

SPECIFICATIONS

Hermetic TCXO
Tight Temp Stability

Frequency	750 kHz to 800 MHz		
Output	CMOS (option C), Clipped Sine (option S), LVPECL (option PE), or LVDS (option DS) CMOS available 750kHz to 150MHz; Clipped Sine 10MHz to 50MHz; LVPECL and LVDS available 50MHz 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 +95°C	±3.0 ppM	T36
Aging	<1 ppM/yr; <10ppM for 20 years		
Freq Adjust	±7ppM typ for 0 to +3.3V EFC; positive slope		
Supply Voltage	+2.7V to +5.0VDC, ± 5%		
Supply Current	< 50mA		
Accel Sensitivity	2.5x10 ⁻⁹ /g standard (SD); <7x10 ⁻¹⁰ /g available (LG option)		

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

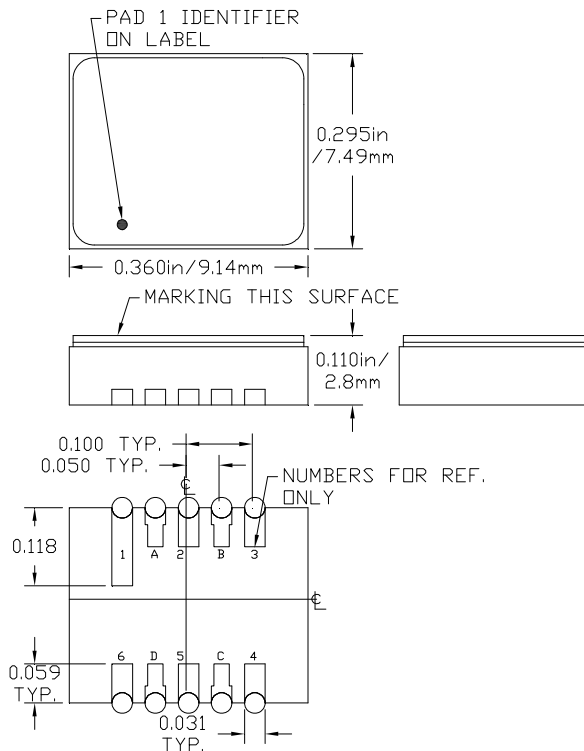
Can be screened to MIL-PRF-55310, Class B

Package - 9x7mm hermetic ceramic package.

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

Ordering Example:

T1215-T16-PE-3.3-LG-300.0MHz
(Model-Temp-Output-InpV-Gsense-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

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

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