EUROQUARTZ

T1215 TCXO

Hermetically-sealed, Tight Stability — 750kHz to 800MHz

- **Rugged construction for severe environments**
- **Tight stability, from ±0.5ppm over -40° to +85°C**
- **Squarewave (CMOS), Clipped Sine, LVPECL or LVDS outputs**

RoHS



SPECIFICATIONS

Frequency Range:	750.0kHz to 800MHz
Output:	
Option 'C':	CMOS Square (750kHz to 150MHz)
Option 'S':	Clipped Sinewave (10MHz to 50MHz)
Option 'PE':	LVPECL (20MHz to 800MHz)
Option 'DS':	LVDS (20MHz to 800MHz)
Symmetry:	50%±10%
Frequency Stability:	*See table*
Ageing:	<1ppm/year, <10ppm for 20 years
Frequency Adjust:	±7ppm typical for 0 to Vcc EFC Positive slope
Supply Voltage:	+2.7 Volts to +5.0 Volts ±5%
Supply Current:	<80mA (frequency dependent)
Acceleration Sensitivity:	2.5 x 10^{-9}/g standard (SD) <7 x 10^{-10}/g available (Option LG)

ENVIRONMENTAL

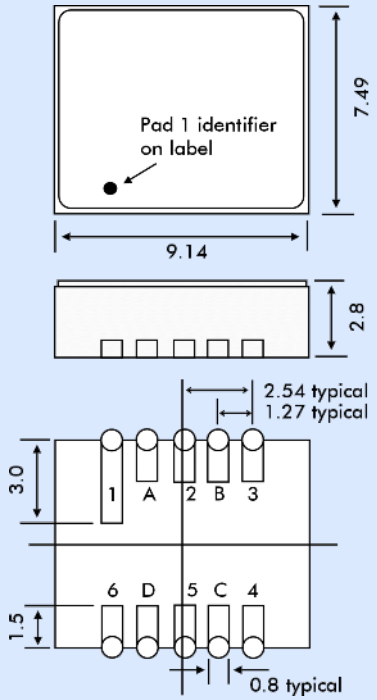
Vibration:	per MIL-STD-202F, Meth. 204, Cond. A
Shock:	per MIL-STD-202F, Meth. 213, Cond. C
Storage Temperature:	-55° to +95°C

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

Fine Leak:	per MIL-STD-202, Meth. 112, Cond. C

Other vibration and shock levels may be available upon review by Euroquartz engineering.

T1215 - OUTLINES AND DIMENSIONS



Pad Connections

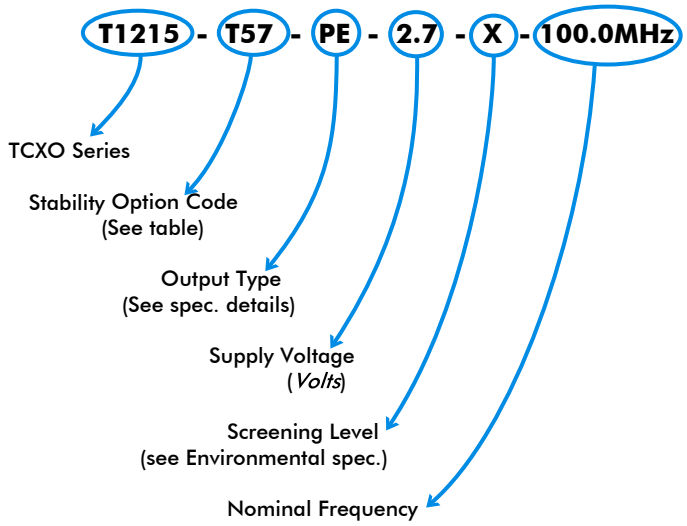
1 - EFC
A - N/C
2 - Vref (+2.5VDC)
B - Tristate
3 - 0V & case Ground
4 - Output
C - Comp. Output
5 - N/C
D - N/C
6 - V Supply

STABILITY OVER TEMPERATURE

Temp. Range	Stability	Option Code
-40°~+85°C	±0.5ppm	T57
-40°~+85°C	±1.0ppm	T16
-55°~+85°C	±2.0ppm	U26
-55°~+95°C	±3.0ppm	V36

PART NUMBERING PROCEDURE

Example: **T1215-T57-PE-2.7- X - 100.0MHz**



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