EUROQUARTZ

T124 TCXO

Low frequency, Rugged, Tight Stability — 650Hz to 1.25MHz

- **Rugged construction for severe environments**
- **Ultra-low Frequency**
- **Frequency Range: 650Hz - 1.25MHz**
- **Tight temperature stability, from ±0.3ppm over -20° to +70°C**
- **Output Signal: CMOS Squarewave**

RoHS

SPECIFICATIONS

Frequency Range:	650Hz to 1.25MHz
Output:	CMOS
Output Level:	0 to +0.2 max. To Vcc-0.27V min
Symmetry:	50/50±5%
Frequency Stability:	*See table*
Voltage Stability:	±0.3ppm for a ±5% change
Load Stability:	±0.3ppm for a ±5% change
Ageing:	<0.5ppm/year
Total Stability:	±5ppm max from nominal over 10 years (*Includes temp., voltage, load & ageing*)
Frequency Adjust:	±7ppm typical for 0 to +3.0V EFC
Supply Voltage:	+3.3 VDC
Supply Current:	<20mA

ENVIRONMENTAL

Vibration:	per MIL-STD-202F, Meth. 214, Cond. II F
Shock:	per MIL-STD-202F, Meth. 213, 90g's peak ½ sine, 5ms
Storage Temperature:	-54° to +105°C

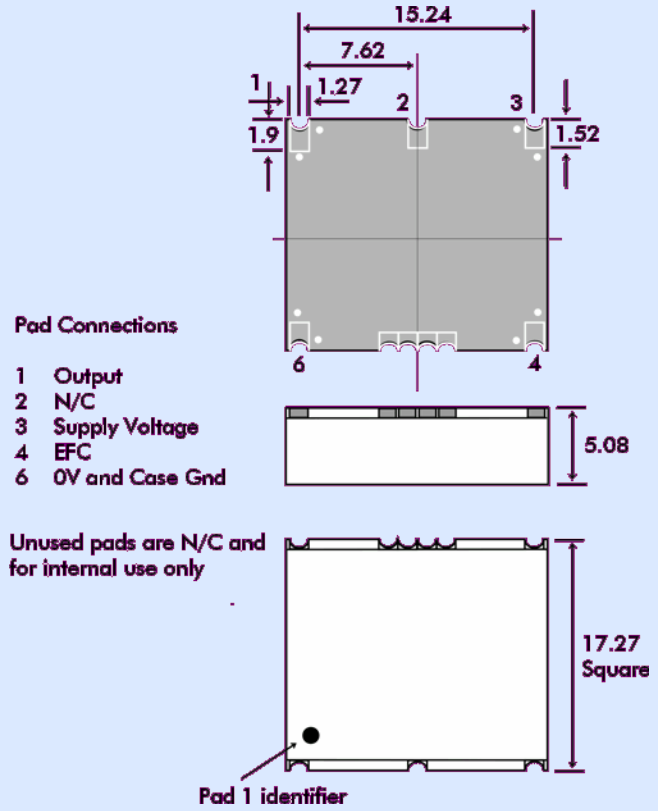
STABILITY OVER TEMPERATURE

Temp. Range	Stability	Part No. Code
-20~+70°C	±0.3ppm	N37
-20~+70°C	±0.5ppm	N57
-40~+85°C	±0.3ppm	T37
-40~+85°C	±0.5ppm	T57
-40~+85°C	±1.0ppm	T16

ENVIRONMENTAL

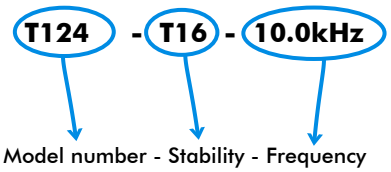
Vibration:	per MIL-STD-202F, Meth. 214, Cond. II H, 3 min/axis
Shock:	per MIL-STD-202F, Meth. 213, 90g's peak ½ sine, 5ms
Storage Temperature:	-55° to +105°C

T124 - OUTLINES AND DIMENSIONS



PART NUMBERING

Example: **T124-T16-10.0kHz**



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