T1249 TCXO

Very Rugged TCXO, Tight Stability — 30.72MHz

- **Rugged construction for severe environments**
- **Tight temperature stability, from ±0.5ppm over -40° to +85°C**
- **Sine Wave, 3dBm ±2dBm into 50Ω load**

RoHS

SPECIFICATIONS

Frequency:	30.72MHz
Output:	CMOS
Output Level:	+0.2V max. to +2.4V min. 15pF load
Initial Accuracy:	±0.5ppm at +25°C when shipped
Frequency Stability:	*See table*
Operating Temp. Range:	-40°C to +85°C
Frequency Stability:	±0.2ppm
Ageing:	<0.5ppm/year
Frequency Adjust:	None
G Sensitivity:	≤2.5x10^{-9}/g typical
Supply Voltage:	+3.3VDC ±5%
Supply Current:	<6mA

Designed and manufactured by Greenray Industries Inc.

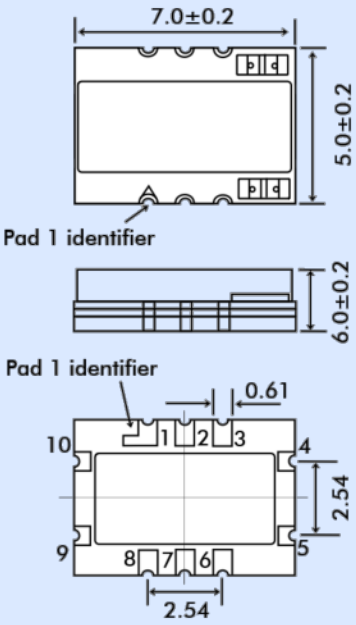
PHASE NOISE

Offset	dBc/Hz
10Hz	-80
100Hz	-110
1kHz	-130
10kHz	-150
100kHz	-155

ENVIRONMENTAL

Vibration:	per MIL-STD-202F, Meth. 214, Cond. I-F
Shock:	per MIL-STD-202F, Meth. 213, Cond. F

T1249 - OUTLINES AND DIMENSIONS

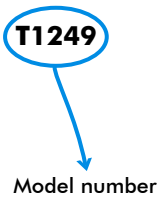


Pad Configuration
Pad 1 N.C.
Pad 2 N.C.
Pad 3 N.C.
Pad 4 0V & Case Ground
Pad 5 Output
Pad 6 N.C.
Pad 7 N.C.
Pad 8 Tri-state*
Pad 9 Vcc Supply
Pad 10 EFC/N.C.
* Enable high or float

PART NUMBERING PROCEDURE

Example:

T1249



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