



ISSUE 1; December 2012 - RoHS 2011/65/EU

Description

- Please note: This document is intended to illustrate the general capability and versatility of DEI's design. For specific enquiries please contact one of DEI's Sales Offices where we can tailor a unique specification to meet your needs.
- Low phase noise optimised design.
- High stability.
- Low ageing.
- Tuning range also available.

Frequency Range

- Frequency 2.0 to 80.0MHz
- Frequency Stability $\pm 1.00\text{ppm}$

Supply Voltage

- Voltage 5.00V

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Typical Ageing @ 50MHz: $\pm 0.8\text{ppm}$ in the 1st year, $\pm 3.5\text{ppm}$ after 15 years
- Developed Frequencies: 12.80MHz 50.0MHz
- For other frequency/specification combinations, please contact an DEI Sales Office
- Frequency Stability vs Temperature Range:
Tightest Stability: $\pm 1\text{ppm}$ -20 to 70°C
Widest Temperature Range: $\pm 2\text{ppm}$ -40 to 85°C

Frequency Adjustment

- Frequency Adjustment Range: $\pm 5\text{ppm}$ to $\pm 15\text{ppm}$ (optional)

Noise Parameter

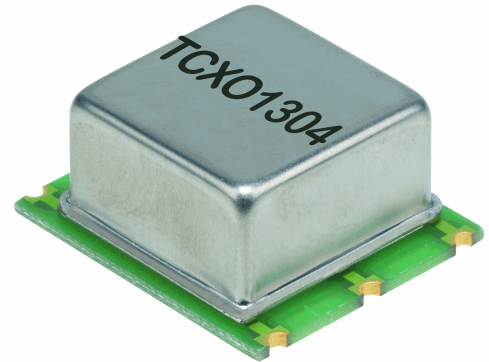
- Typical Phase Noise Figures @ 50MHz (dBc/Hz):
100Hz 1kHz 10kHz 100kHz
-105 -130 -145 -150

Environmental Parameters

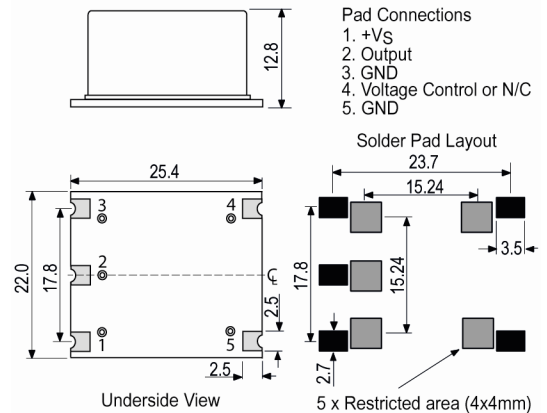
- Storage Temperature Range: -55 to 105°C
- Environmental testing taken from IEC 60068
Please contact an DEI Sales Office for full details

Ordering Information

- Minimum Enquiry Information:
Frequency
Model
Supply Voltage
Output
Frequency Stability (over operating temperature range)
Operating Temperature Range
Frequency Adjustment



Outline (mm)



Sales Office Contact Details:

Tel: +1-281-870-8822

Web: www.dynamiceng.com

Email: sales@dynamiceng.com



Packing Details

- Pack Style: **Bulk** Supplied tube or box packaging
 Pack Size 1
- Pack Style: **Reel** Tape and reel in accordance with EIA-481-D
 Pack Size 75
- Alternative packing options available

This document was correct at the time of printing; please contact your local sales office for the latest version

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