



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 120.0MHz
- Frequency Stability ±1.00ppm

Supply Voltage

- Voltage 5.00V

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Typical Ageing @ 100MHz: ±1ppm in the 1st year, ±5ppm after 15 years
- Developed Frequencies: 9.60MHz 10.0MHz 12.0MHz 16.3840MHz 18.0MHz 20.0MHz 26.50MHz 30.0MHz 32.7680MHz 41.250MHz 55.0MHz 61.440MHz 80.0MHz 100.0MHz 103.7030MHz 115.0MHz
- For other frequency/specification combinations, please contact an DEI Sales Office
- Frequency Stability vs Temperature Range: Tightest Stability: ±1ppm -20 to 70°C Widest Temperature Range: ±2ppm -40 to 85°C

Frequency Adjustment

- Frequency Adjustment Range: ±5ppm to ±15ppm (optional)

Noise Parameter

- Typical Phase Noise Figures @ 80MHz (dBc/Hz):

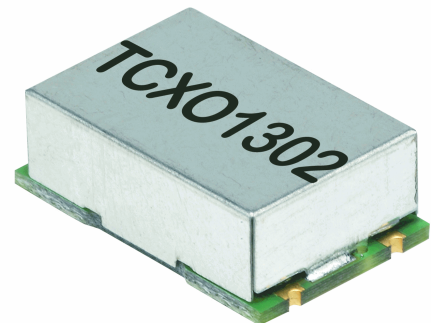
100Hz	1kHz	10kHz	100kHz
-100	-125	-140	-145

Environmental Parameters

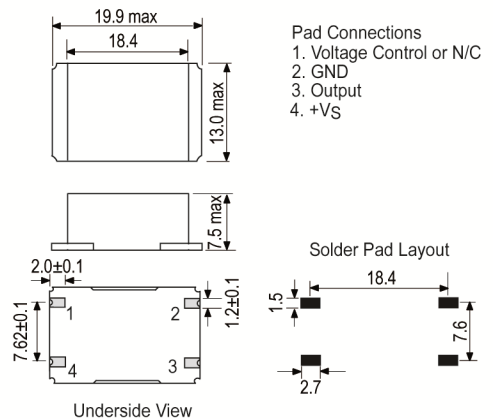
- Storage Temperature Range: -55 to 105°C
- Environmental testing taken from IEC 60068
Please contact an DEI Sales Office for full details

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 in tube or box packaging
Pack Size 1
- Pack Style: **Tape** Tape and reel in accordance with EIA-481-D
Pack Size 250
- 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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