



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 150.0MHz
- Frequency Stability ±1.00ppm

Supply Voltage

- Voltage 3.30V

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Typical Ageing @ 143MHz: ±1ppm in the 1st year, ±5ppm after 15 years
- Developed Frequencies:
6.40MHz 8.1920MHz 10.0MHz 12.80MHz 16.3840MHz 19.440MHz
24.0MHz 26.0MHz 27.0MHz 28.0MHz 32.7680MHz 56.0MHz
80.0MHz 100.0MHz 143.0MHz
- 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)

Output Details

- Available with either HCMOS output up to 120MHz or Sinewave output up to 150MHz

Noise Parameter

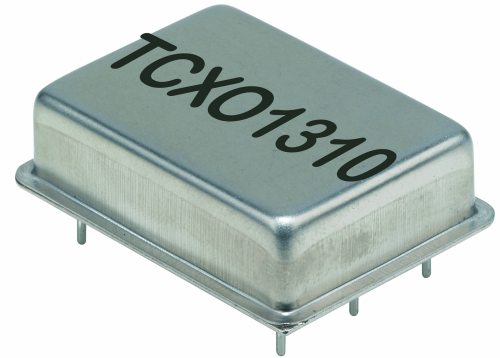
- Typical Phase Noise Figures @ 10MHz (dBc/Hz):
100Hz 1kHz 10kHz 100kHz
-115 -135 -140 -145

Environmental Parameters

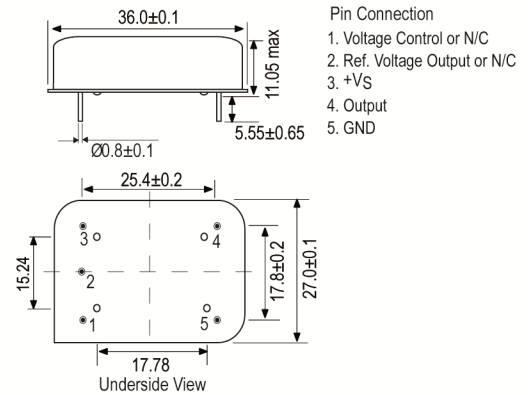
- Storage Temperature Range: -55 to 105°C
- Environmental testing taken from IEC 60068
Please contact an DEI Sales Office for full details

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 tube or box packaging
 Pack Size 40
- 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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