



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 125.0MHz
- Frequency Stability ±1.00ppm

Supply Voltage

- Voltage 3.30V

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Typical Ageing @ 100MHz: ±1ppm in the 1st year, ±5ppm after 15 years
- Developed Frequencies: 8.0MHz 10.0MHz 12.80MHz 16.3840MHz 19.440MHz 20.0MHz 34.3680MHz 40.0MHz 80.0MHz 100.0MHz 122.880MHz
- 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

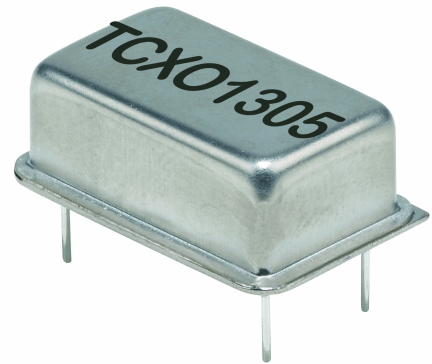
- Typical Phase Noise Figures @ 100MHz (dBc/Hz):
100Hz 1kHz 10kHz 100kHz
-100 -120 -140 -145

Environmental Parameters

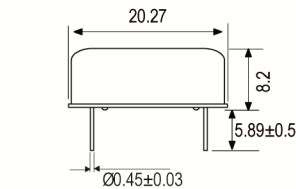
- Storage Temperature Range: -55 to 105°C
- Environmental testing taken from IEC 60068
Please contact an DEI Sales Office for full details

Ordering Information

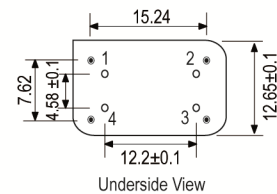
- Minimum Enquiry Information:
Frequency
Model
Supply Voltage
Output
Frequency Stability (over operating temperature range)
Operating Temperature Range
Frequency Adjustment



Outline (mm)



- Pin Connection
1. Voltage Control or N/C
 2. GND
 3. Output
 4. +Vs



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 120
- 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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