



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 105.0MHz
- Frequency Stability ±1.00ppm

Supply Voltage

- Voltage 3.30V

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Typical Ageing @ 10MHz: ±0.8ppm in the 1st year, ±3.5ppm after 15 years
- Developed Frequencies: 2.0480MHz 8.0MHz 10.0MHz 12.80MHz 19.440MHz 20.0MHz 24.5760MHz 30.0MHz 38.880MHz 51.840MHz 97.280MHz
- 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

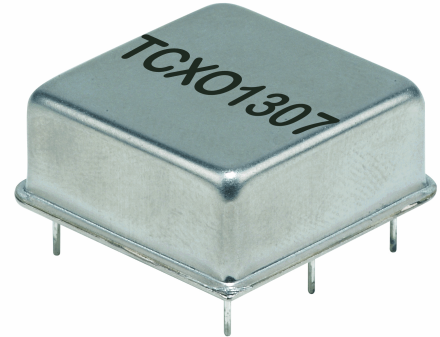
- Typical Phase Noise Figures @ 30MHz (dBc/Hz):
100Hz 1kHz 10kHz 100kHz
-110 -130 -145 -150

Environmental Parameters

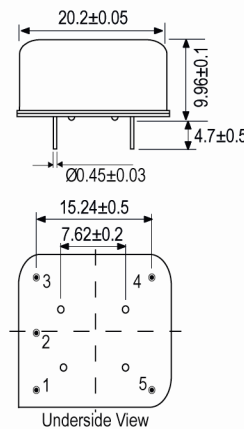
- Storage Temperature Range: -55 to 105°C
- Environmental testing taken from IEC 60068
Please contact an DEI Sales Office for full details

Ordering Information

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



Outline (mm)



- Pin Connections
1. +Vs
 2. Output
 3. GND
 4. Voltage Control
 5. GND

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 80
- Alternative packing options available

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

Sales Office Contact Details:

Tel: +1-281-870-8822

Web: www.dynamiceng.com

Email: sales@dynamiceng.com
