



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



Description

- Please note: This document is intended to illustrate the general capability and versatility of IQD's design. For specific enquiries please contact one of IQD'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

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- 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 IQD Sales Office
- Frequency Stability vs Temperature Range:
Tightest Stability: ±1ppm -20 to 70°C
Widest Temperature Range: ±2ppm -40 to 85°C
- Typical Ageing @ 10MHz: ±0.8ppm in the 1st year, ±3.5ppm after 15 years

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

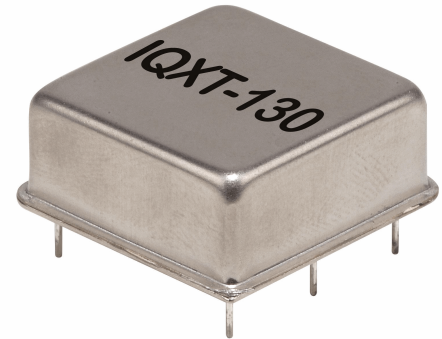
- Environmental testing taken from IEC 60068
Please contact an IQD Sales Office for full details
- Storage Temperature Range: -55 to 105°C

Ordering Information

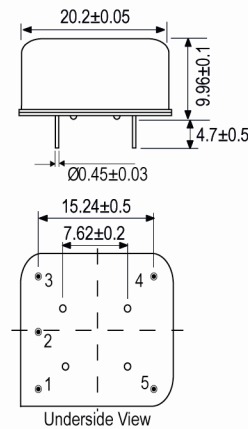
- Minimum Enquiry Information:
Frequency
Model
Supply Voltage
Output
Frequency Stability (over operating temperature range)
Operating Temperature Range
Frequency Adjustment

Packing Details

- Pack Style: **Bulk** Supplied tube or box packaging
Pack Size 80
- Alternative packing options available



Outline (mm)



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

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