



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 80.0MHz
- Frequency Stability $\pm 1.00\text{ppm}$

Operating Temperature Ranges

- -20 to 70°C
- -40 to 85°C

Frequency Parameters

- Developed Frequencies:
12.80MHz 50.0MHz
- For other frequency/specification combinations, please contact an IQD Sales Office
- Frequency Stability vs Temperature Range:
Tightest Stability: $\pm 1\text{ppm}$ -20 to 70°C
Widest Temperature Range: $\pm 2\text{ppm}$ -40 to 85°C
- Typical Ageing @ 50MHz: $\pm 0.8\text{ppm}$ in the 1st year, $\pm 3.5\text{ppm}$ after 15 years

Frequency Adjustment

- Frequency Adjustment Range: $\pm 5\text{ppm}$ to $\pm 15\text{ppm}$ (optional)

Noise Parameter

- Typical Phase Noise Figures @ 50MHz (dBc/Hz):

100Hz	1kHz	10kHz	100kHz
-105	-130	-145	-150

Environmental Parameters

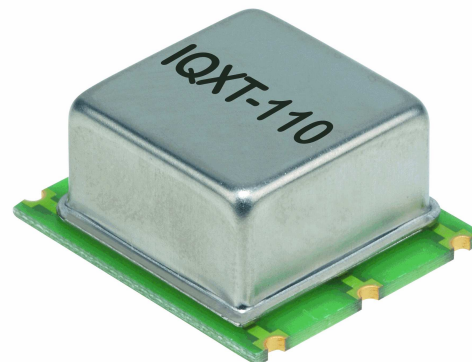
- Environmental testing taken from IEC 60068
Please contact an IQD Sales Office for full details
- Storage Temperature Range: -55 to 105°C

Ordering Information

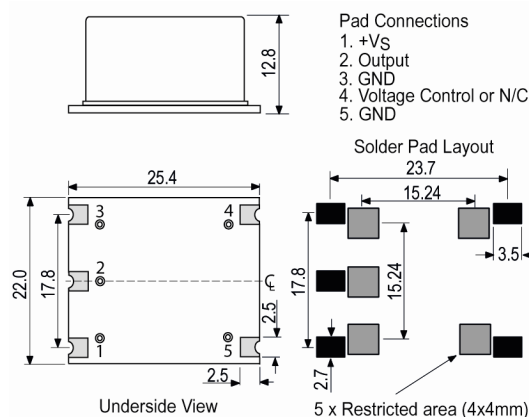
- Minimum Enquiry Information:
 Frequency
 Model
 Supply Voltage
 Output
 Frequency Stability (over operating temperature range)
 Operating Temperature Range
 Frequency Adjustment

Packing Details

- Pack Style: **Bulk** Supplied tube or box packaging
Pack Size 1
- Pack Style: **Reel** Tape and reel in accordance with EIA-481-D
Pack Size 75
- Alternative packing options available



Outline (mm)



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