

IQXO-80, -81

ISSUE 1; 19 JUNE 1997

Delivery Options

- Please contact our sales office for current leadtimes

Output Compatibility

- PECL 10kHz (IQXO-80)
- Dual Complimentary PECL 10kHz (IQXO-81)

Package Outline

- 14.0 × 9.8 × 3.35mm SMD (surface mount device)

Standard Frequency Stabilities

- ±100ppm (inclusive of supply voltage variations over the operating temperature range)

Operating Temperature Range

- -10 to 70°C

Storage Temperature Range

- -55 to 125°C

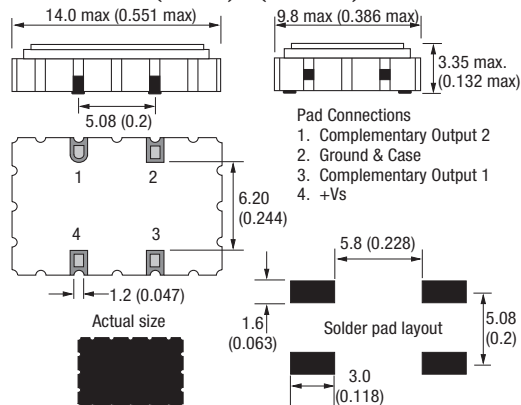
Marking

- Model number
- Frequency Stability Code
- Frequency
- Date code (Year/Week)

Minimum Order Information Required

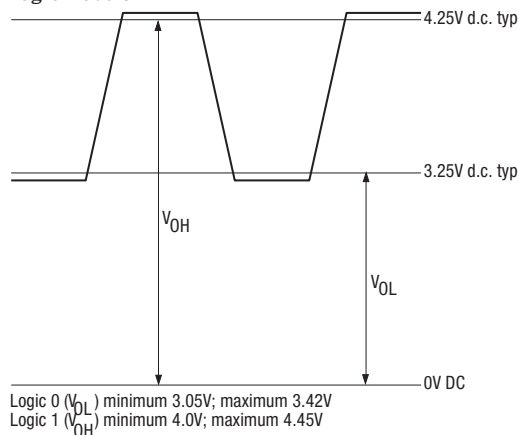
- Frequency + Model Number + Frequency Stability

Outline in mm (inches) - (scale 2:1)

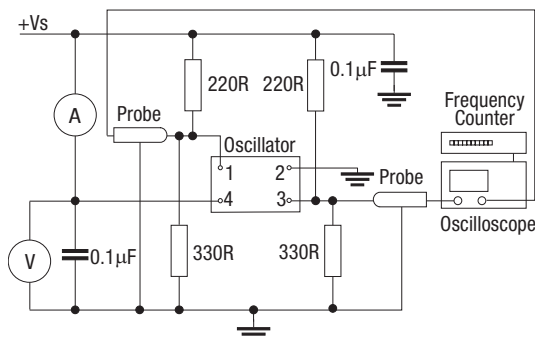


Note: Pin 1 = No connection on IQXO-80, Pin 3 = Output

Logic Levels

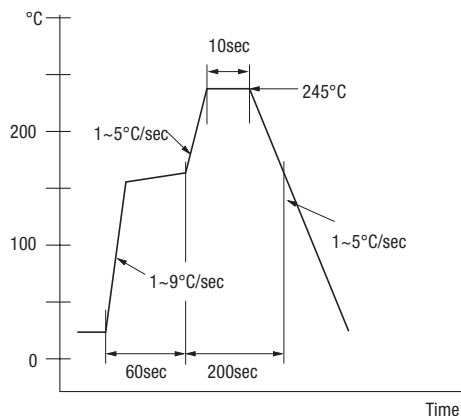


Test Circuit



Note: Pin 1 = No connection on IQXO-80

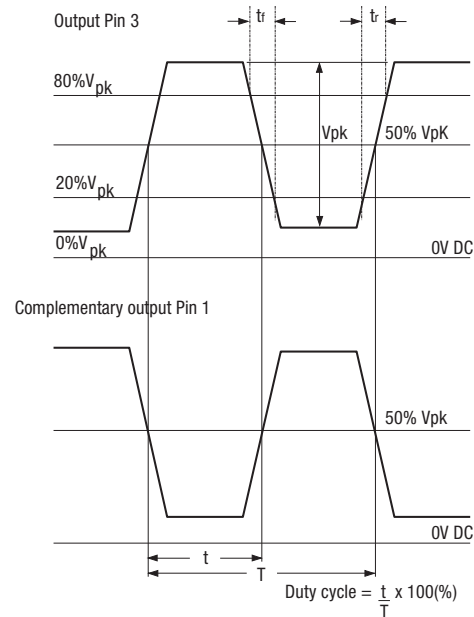
Typical Solder Condition - Infrared Reflow



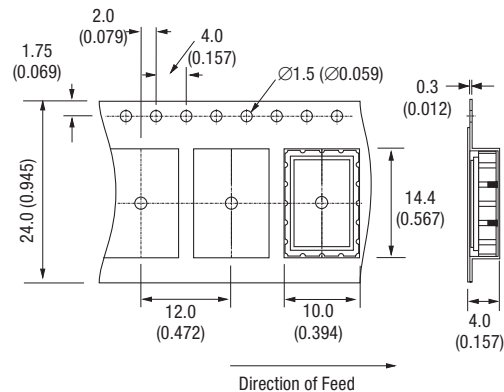
Electrical Specification – maximum limiting values when measured in test circuit

Frequency Range	Frequency Stability	Supply Voltage	Supply Current	Rise Time (t _r)	Fall Time (t _f)	Duty Cycle	Model Number
30.0 to 170.0MHz	±100ppm	5.0V±0.25V	60mA	2ns	2ns	40/60%	IQXO-80, -81
Ordering Example							
Frequency _____				125.0MHz	IQXO-80	C	
Model No _____							
Frequency Stability: C= ±100ppm _____							

Output Waveform



Outline in mm (inches) - Tape



Outline in mm (inches) - Reel (scale 1:8)

