

# IQXO-53, -57

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## Delivery Options

- Common frequencies are available from stock. Please see p180 for details

## Output Compatibility

- HCMOS/LS TTL
- Tri-state (IQXO-57, -57I)
- Non tri-state (IQXO-53, -53I)

## Package Outline

- SMD (surface mount device) plastic encapsulated. Available over 0 to 70°C (IQXO-53, -57) or -40 to 85°C (IQXO-53I, -57I)

## Standard Frequency Stabilities

- ±50ppm, ±100ppm (inclusive of supply voltage variations over the operating temperature range)

## Operating Temperature Range

- 0 to 70°C (IQXO-53,-57)
- 40 to 85°C (IQXO-53I, -57I)

## Storage Temperature Range

- 50 to 125°C

## Non-Standard Duty Cycle

- Tighter duty cycles are available on request

## Tri-state Operation (IQXO-57, -57I)

- Logic '1' to pin 1 enables oscillator output, 2.0V min
- Logic '0' to pin 1 disables oscillator output; when disabled the oscillator output goes to the high impedance state, 0.8V max
- No connection to pin 1 enables oscillator output
- When oscillator is enabled, maximum transition time = 100ns

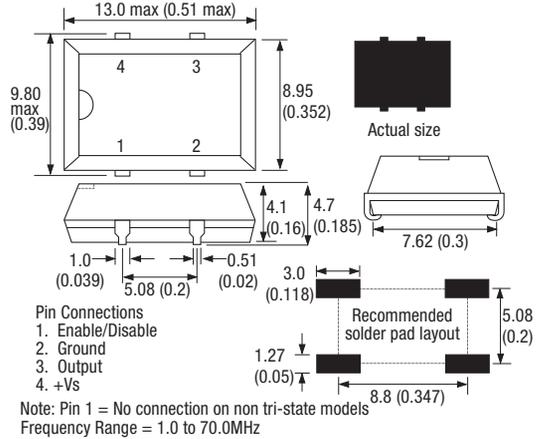
## Marking

- Model number (+ Operating Temperature Code; if applicable)
- Frequency Stability Code
- Frequency
- Date Code

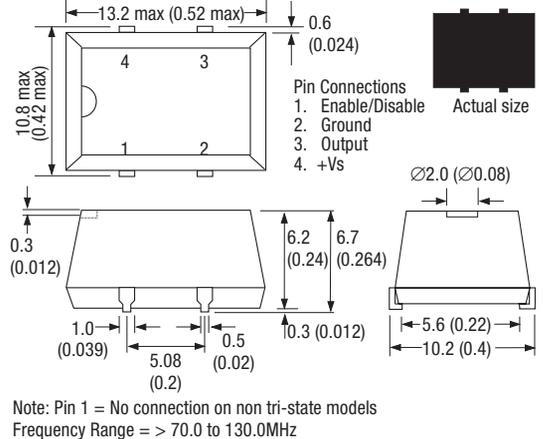
## Minimum Order Information Required

- Frequency + Model Number + Operating Temperature Code (if applicable) + Frequency Stability

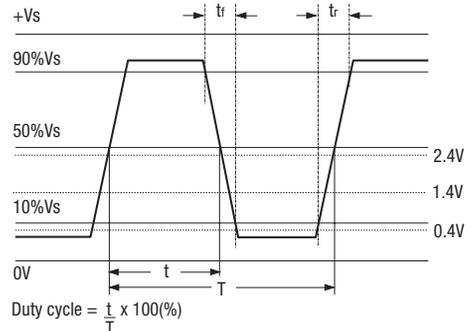
## Outline in mm (inches) - (scale 2:1)



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## Output Waveform - HCMOS/LS TTL



SURFACE MOUNT  
SPXOs

