

Customer Part:



Description

- Surface mount oscillator in a ceramic package with a hermetically sealed metal lid
- Model: IQXO-71
- Model Issue number: 11

Frequency Parameters

- Frequency: 3.20MHz
- Frequency Stability: $\pm 50.00\text{ppm}$
- Operating Temperature Range: -40.00 to 85.00°C
- Ageing: $\pm 5\text{ppm}$ max in 1st year

Electrical Parameters

- Supply Voltage: $3.3\text{V} \pm 0.3\text{V}$
- Current Draw: 12.000mA

Output Details

- Output Compatibility: HCMOS
- Drive Capability: 15pF max
- Rise and Fall Time: 6.0ns max
- Duty Cycle: 45/55%

Output Control

- Tri-state Operation:
 Logic '1' (0.7Vs min) to pad 1 enables oscillator output
 Logic '0' (0.3Vs max) to pad 1 disables oscillator output; when disabled the oscillator output goes to the high impedance state
 No connection to pad 1 enables oscillator output

Environmental Parameters

- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G, frequency range 10-2000Hz 2hrs in 3 mutually perpendicular planes (total 6hrs)
- Storage Temperature Range: -55 to 125°C

Manufacturing Details

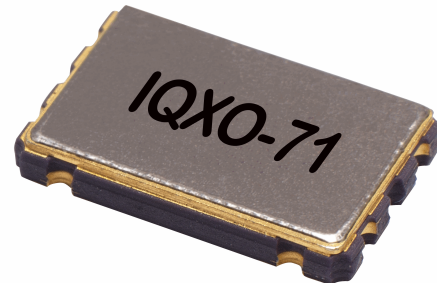
- RoHS Terminations: NiAu
- RoHS Reflow Temp: 260degC 10s

Compliance

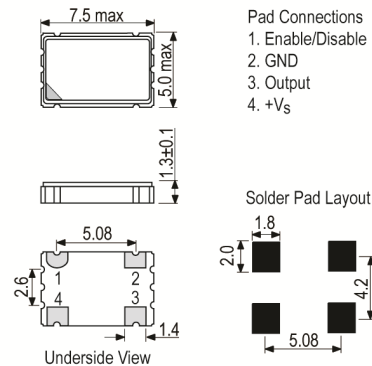
- RoHS Status (2015/863/EU): Compliant
- REACH Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- Alternative packing option available



Outline (mm)



Test Circuit



Sales Office Contact Details:

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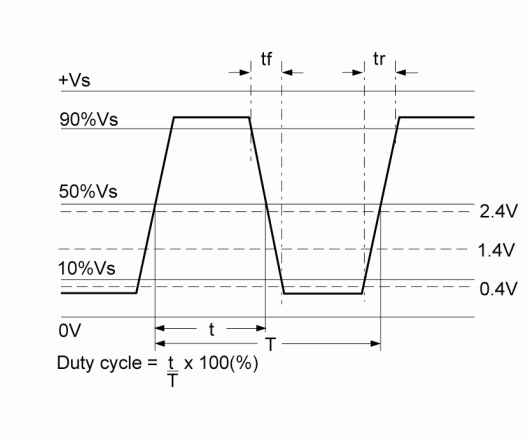
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Customer Part:

Wave Form



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