



## Description

- Standard 2.5 x 2.0 oscillator in a ceramic package with a hermetically sealed metal lid.
- Model: IQXO-794
- Model Issue number: 1

## Frequency Parameters

- Frequency: 26.0MHz
- Frequency Stability:  $\pm 50.00$ ppm
- Operating Temperature Range: -40.00 to 85.00°C
- Ageing:  $\pm 3$ ppm max per year

## Electrical Parameters

- Supply Voltage: 1.8V  $\pm 5\%$
- Current Draw: 10.000mA

## Output Details

- Output Compatibility: HCMOS
- Drive Capability: 15pF
- Rise and Fall Time: 10.0ns max
- Duty Cycle: 40/60%
- Output Voltage High: 90% of VS min  
Output Voltage Low: 10% of VS max

## Output Control

- Standby Function (pin1):  
No Connection = Output Enabled  
>70% VS = Output Enabled  
<30% VS = Output Disabled  
(when disabled output goes to high impedance state)
- Start Up Time: 10ms max

## Noise Parameters

- Jitter (Period pk-pk):  $\pm 80$ ps typ
- Jitter (Phase 12kHz to 20MHz): 1ps max
- Jitter (Period One Sigma):  $\pm 10$ ps typ

## Environmental Parameters

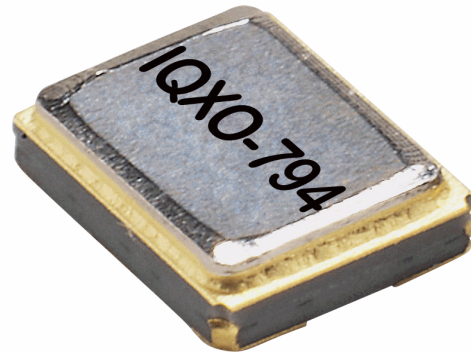
- Shock: MIL-STD-202, Method 213. Or comparable.
- Vibration: MIL-STD-883, Method 2007. Or comparable.
- Storage Temperature Range: -55 to 125°C

## Compliance

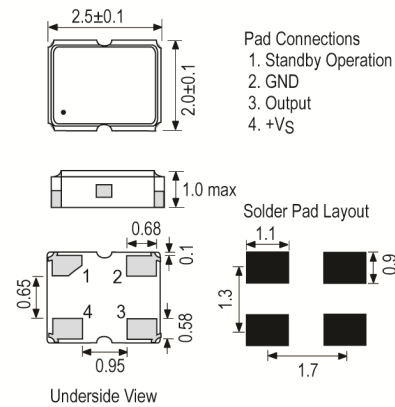
- RoHS Status (2011/65/EU): Compliant
- REACH Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

## Packaging Details

- Pack Style: Reel Tape & reel in accordance with EIA-481D  
Pack Size: 3,000
- Alternative packing option available



## Outline (mm)



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