Crystal Clock Oscillator Specification

IQD Part No. + Packaging: LFSPXO056264Reel

Wurth Part No. ***831056264***

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 19.20MHz
- Frequency Stability ±50.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Ageing ±3ppm max per year

Electrical Parameters

- Supply Voltage 1.8V ±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): ±80ps typ
- Jitter (Phase 12kHz to 20MHz): 1ps max
- Jitter (Period One Sigma): ±10ps typ

Environmental Parameters

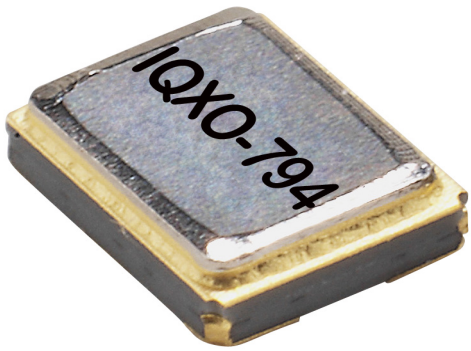
- Shock: MIL-STD-202, Method 213. Or comparable.
- Vibration: MIL-STD-883, Method 2007. Or comparable.
- Storage Temperature Range: -55 to 125°C

Compliance

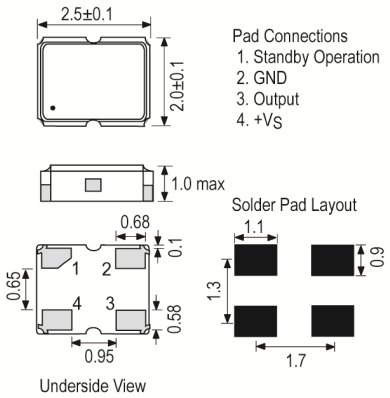
- RoHS Status (2011/65/EU) Compliant
- REACh Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

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



Outline (mm)



CONTACT INFORMATION:
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- *Alternative packing option available*

USEFUL LINKS

Toolbox:

www.we-online.com/toolbox

Product Catalog:

www.we-online.com/products

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