


Description

- PLL based, one time only factory programmable for a fast lead time
Crystal oscillator in a hermetically sealed ceramic package with a metal lid
- Model CFPP-56
- Model Issue number 7

Frequency Parameters

- Frequency 25.0MHz
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -40.00 to 85.00°C

Electrical Parameters

- Supply Voltage $3.3\text{V} \pm 10\%$
- Current Draw 10.000mA
- Stand-by current: $15\mu\text{A}$ max
- Start Up Time: 2ms max

Output Details

- Output Compatibility CMOS
- Drive Capability 15pF max
- Rise and Fall Time 4.0ns max
- Duty Cycle $45/55\%$

Output Control

- Logic '1' ($>70\%\text{VS}$) to pad 1 enables oscillator output
Logic '0' ($<30\%\text{VS}$) 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

Noise Parameters

- Period Jitter: 200ps max

Environmental Parameters

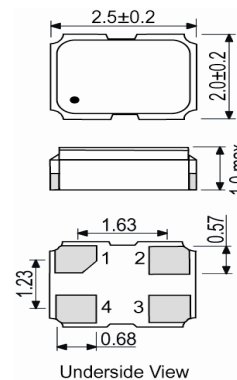
- Storage Temperature Range: -55 to 125°C

Compliance

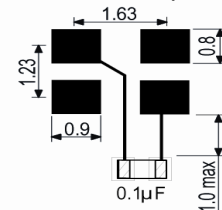
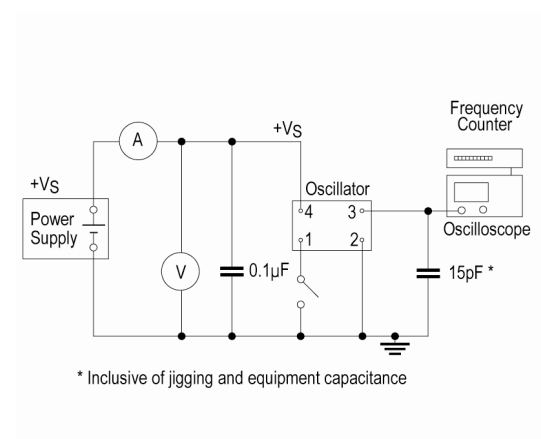
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Bulk Loose in bulk pack
Pack Size: 1
- *Alternative packing option available*


Outline (mm)

Pad Connections

1. Standby
2. GND
3. Output
4. +Vs

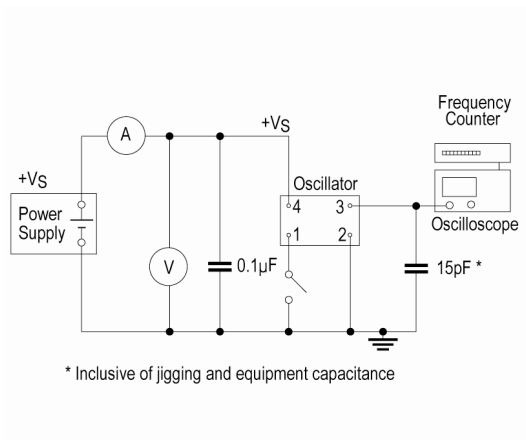
Solder Pad Layout

Test Circuit

Sales Office Contact Details:

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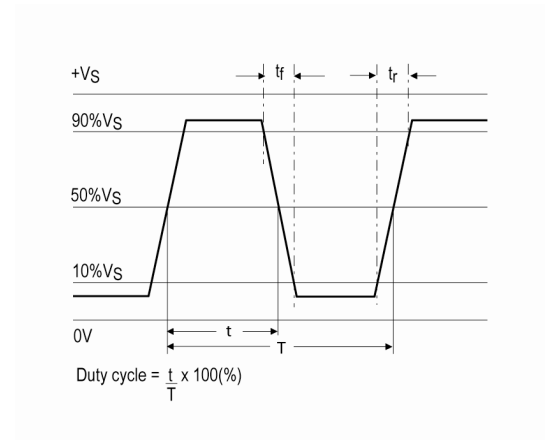
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Test Circuit



Wave Form



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