



Description

- Surface mount oscillator in a ceramic package with a hermetically sealed metal lid
- Model CFPS-31
- Model Issue number 5

Frequency Parameters

- Frequency 25.0MHz
- Frequency Tolerance @ 25°C INCLUSIVE
- Frequency Stability ±50.00ppm
- Operating Temperature Range -10.00 to 70.00°C

Electrical Parameters

- Supply Voltage 1.8V
- Supply Voltage Tolerance ±5%
- Current Draw 6mA max

Output Details

- Output Compatibility CMOS
- Output Load 15pF max
- Rise and Fall time (20% - 80%) 5ns max
- Duty Cycle 40/60%

Output Control

- Logic '1' (>70% VS) to pad 1 enables oscillator output
- Logic '0' (<30% VS) to pad 1 disables oscillator output; the oscillator output goes to the high impedance state
- No connection to pad 1 enables oscillator output

Environmental Parameters

- Shock: MIL-STD-202, Method 213, Condition E
- Vibration: MIL-STD-883, Method 2007, Condition A
- Storage Temperature Range: -55 to 125°C

Compliance

- RoHS Status Compliant
- REACH Status Compliant

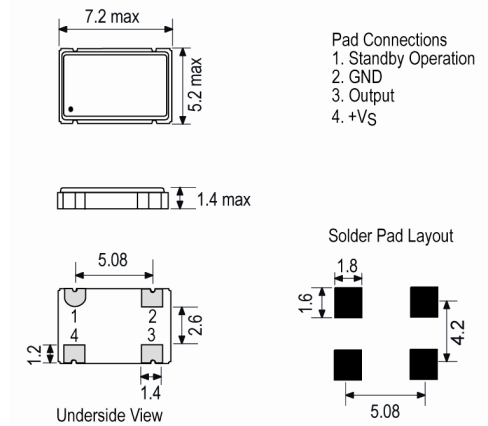
Packaging

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

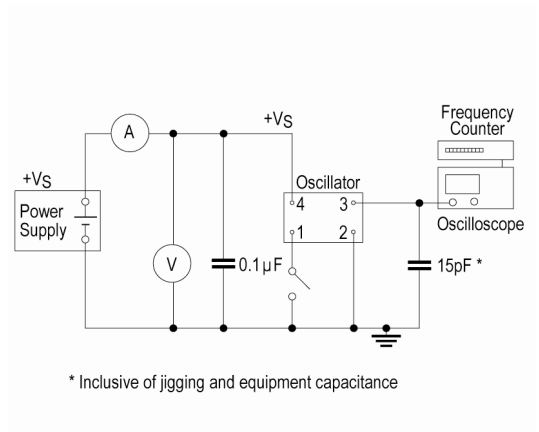
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Outline (mm)



Test Circuit



Sales Office Contact Details:

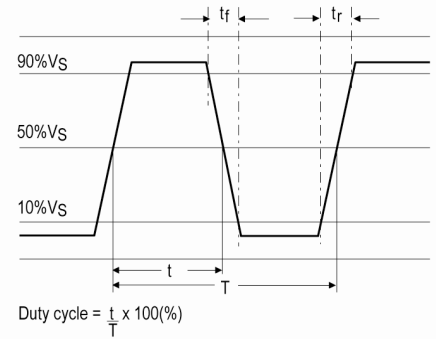
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Wave Form



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