Description

- Standard 7 x 5mm crystal oscillator
  Ceramic package with a seam sealed metal lid, hermetically sealed
- Model CFPS-72
- Model Issue number 12

Frequency Parameters

- Frequency 64.0MHz
- Frequency Tolerance @ 25°C INCLUSIVE
- Frequency Stability ±50.00ppm
- Operating Temperature Range 0.00 to 70.00°C
- Ageing ±3ppm per year max

Electrical Parameters

- Supply Voltage 5.0V
- Supply Voltage Tolerance ±10%
- Current Draw 50mA max

Output Details

- Output Compatability HCMOS/TTL
- Output Load 30pF max
- Rise and Fall time 6ns max
- Duty Cycle 45/55%

Output Control

- Standby Operation
  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
  Standby Current: 10µA max

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

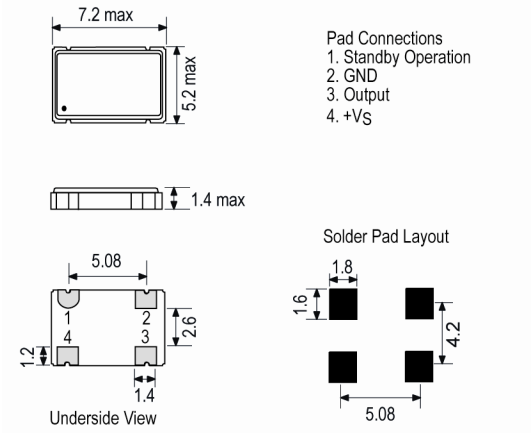
- RoHS Status Compliant
- REACh Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

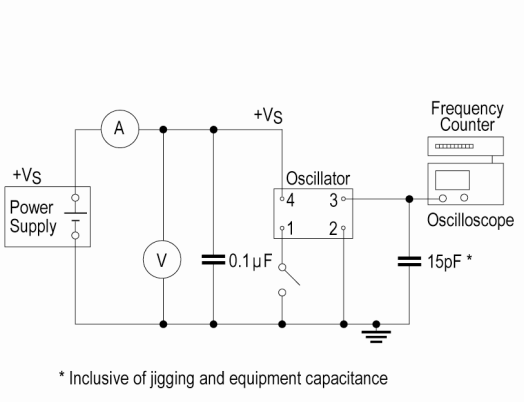
- Pack Type: Bulk Loose in bulk pack
  Pack Size 100
- Alternative packing option available

This document is correct at the time of printing; please contact your local office for the latest version.

Outline (mm)



Test Circuit



* Inclusive of jigging and equipment capacitance

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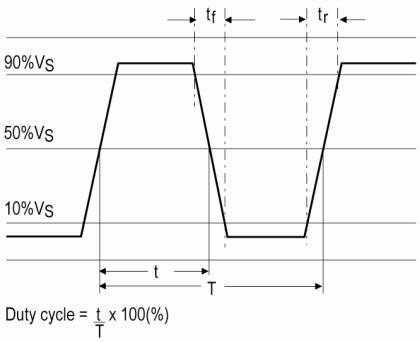
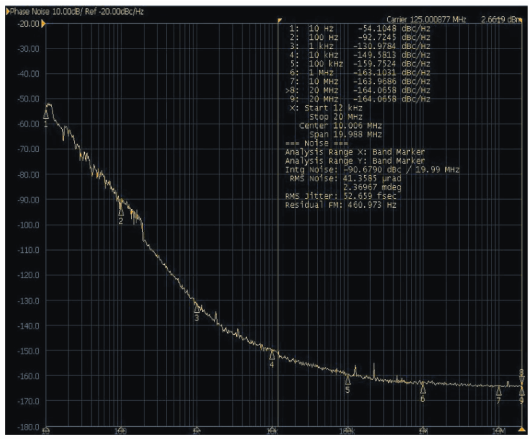
Wave Form



Phase Noise / Jitter



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