

Description

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and with TS16949 release.
- Model **CFPS-56 AUTO**
- Model Issue number **1**

Frequency Parameters

- Frequency **16.0MHz**
- Frequency Stability **±100.00ppm**
- Operating Temperature Range **-40.00 to 125.00°C**
- Ageing **±5ppm max per year @ 25°C**

Electrical Parameters

- Supply Voltage **3.3V ±10%**
- Current Draw **7.00mA**

Output Details

- Output Compatibility **CMOS**
- Drive Capability **15pF**
- Rise and Fall Time **6.0ns max**
- Duty Cycle **40/60%**

Output Control

- Enable/Disable 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:
-40 to 85°C: 10µA max
-40 to 125°C: 20µA max

Environmental Parameters

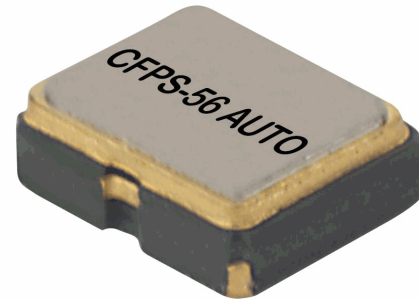
- Storage Temperature Range: **-55 to 150°C**
- Qualified to AEC-Q200

Compliance

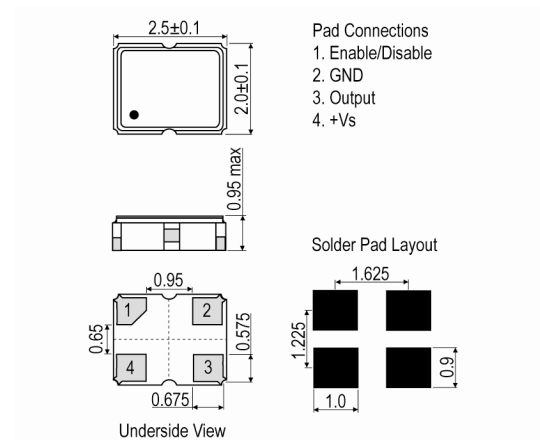
- RoHS Status (2011/65/EU) **Compliant**
- REACH Status **Compliant**
- MSL Rating (JDEC-STD-033): **Not Applicable**

Packaging Details

- Pack Style: Reel **Tape & reel in accordance with EIA-481-D**
Pack Size: 1,000
- *Alternative packing option available*



Outline (mm)



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