


Description

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and with TS16949 release.

■ Model	CFPS-39 AUTO
■ Model Issue number	1

Frequency Parameters

- | | |
|-------------------------------|---------------------------|
| ■ Frequency | 50.0MHz |
| ■ Frequency Stability | ±100.00ppm |
| ■ Operating Temperature Range | -40.00 to 125.00°C |
| ■ Ageing | ±5ppm max per year @ 25°C |

Electrical Parameters

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|------------------|-----------|
| ■ Supply Voltage | 3.3V ±10% |
| ■ Current Draw | 20.00mA |

Output Details

- | | |
|------------------------|-----------|
| ■ Output Compatibility | CMOS |
| ■ Drive Capability | 15pF |
| ■ Rise and Fall Time | 5.0ns 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

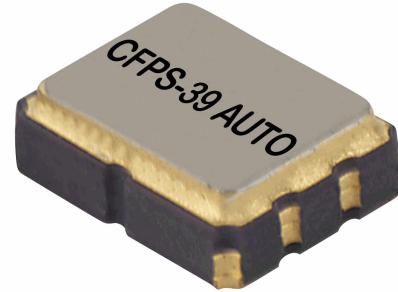
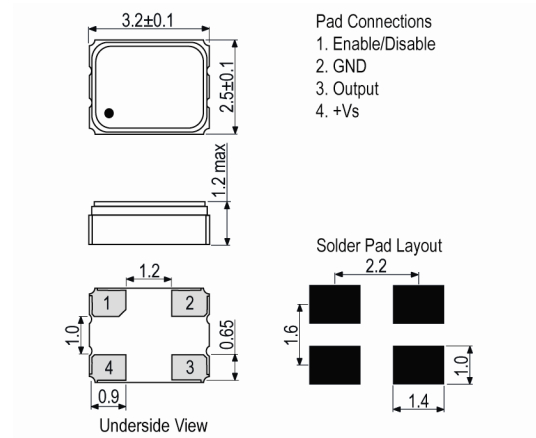
- | | |
|------------------------------|----------------|
| ■ RoHS Status (2011/65/EU) | Compliant |
| ■ REACH Status | Compliant |
| ■ MSL Rating (JDEC-STD-033): | Not Applicable |

Packaging Details

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

Technical Notes

- *Released to AEC-Q200*


Outline (mm)

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