


**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	48.0MHz
■ 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	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**

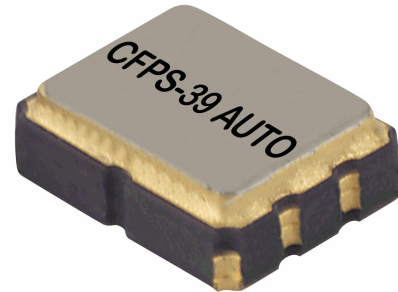
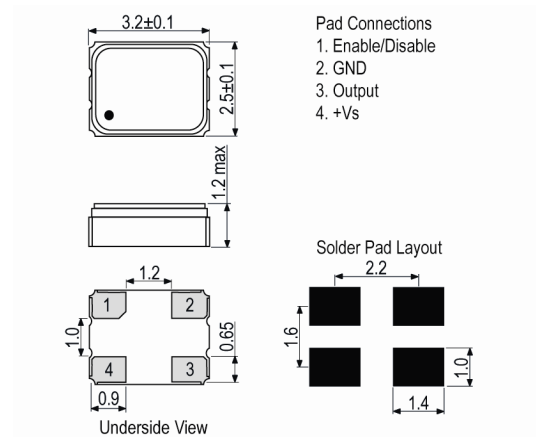
■ RoHS Status (2011/65/EU)	Compliant
■ REACH Status	Compliant
■ MSL Rating (JDEC-STD-033):	Not Applicable

**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)**

**Sales Office Contact Details:**

UK: +44 (0)1460 270200  
Germany: 0800 1808 443

France: 0800 901 383  
USA: +1.760.318.2824

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)