

ISSUE 2; June 2016

Description

- 3.2 x 2.5mm SMD crystal.
Ceramic package with a seam sealed metal lid, hermetically sealed.
Suitable for Industrial applications qualified to AEC-Q200.
Please see our CFPX-180 for standard stock alternative.
- B variant = 4 Pad Layout (Standard)

Frequency Parameters

- | | |
|---------------------|---------------------------|
| Frequency | 16.0MHz to 32.0MHz |
| Frequency Tolerance | ±10.00ppm to ±50.00ppm |
| Frequency Stability | ±15.00ppm to ±100.00ppm |
| Ageing | ±5ppm max per year @ 25°C |

Electrical Parameters

- | | |
|------------------------|---------------|
| Load Capacitance (CL) | 8.0pF |
| Shunt Capacitance (C0) | 7pF max |
| Drive Level | 50µW standard |

Operating Temperature Ranges

- 40 to 85°C
- 20 to 125°C

Environmental Parameters

- Storage Temperature Range: -40 to 150°C
- Qualified to AEC-Q200

Ordering Information

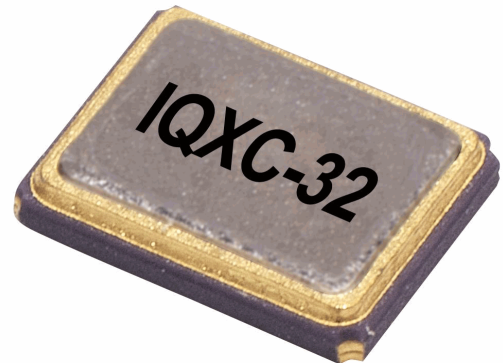
- Frequency*
- Model*
- Frequency Tolerance (@25°C)*
- Frequency Stability (over operating temperature range)*
- Operating Temperature Range*
- Load Capacitance*
- Overtone
- Example
20.00MHz IQXC-32-B
30/50/-40 to 85C/8 FUND

Compliance

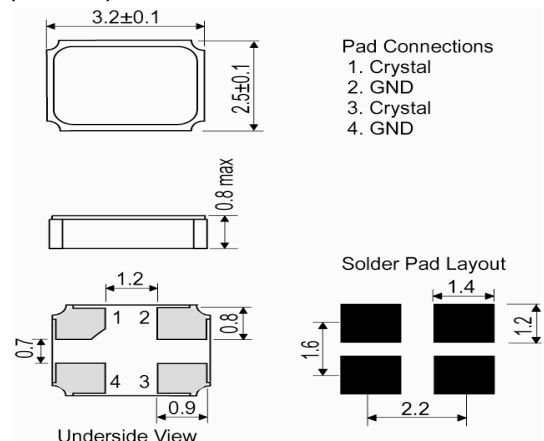
- | | |
|----------------------------|----------------|
| RoHS Status (2011/65/EU) | Compliant |
| REACH Status | Compliant |
| MSL Rating (JDEC-STD-033): | Not Applicable |

Packaging Details

- Pack Style: Reel Tape & reel in accordance with EIA-481-D
- Pack Size: 3,000



Outline (mm) B = variant = 4 Pad Layout (Standard)



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Electrical Specification - maximum limiting values

Frequency Min	Frequency Max	Temperature Range	Stability (Min)	Over Tone Order	ESR
		°C	ppm		Ω
16.0MHz	26.0MHz	-20 to 125 -40 to 85	±50 ±15	Fundamental	100
26.000001MHz	32.0MHz	-20 to 125 -40 to 85	±50 ±15	Fundamental	50

**Stability Maximum values ±100ppm*

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