



ISSUE 2; September 2014 - RoHS 2011/65/EU

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) | 8.00 |
| ■ Shunt Capacitance (C0) | 7pF max |
| ■ Drive Level | 50µW standard |

Operating Temperature Ranges

- -20 to 125°C
- -40 to 85°C

Environmental Parameters

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

Ordering Information

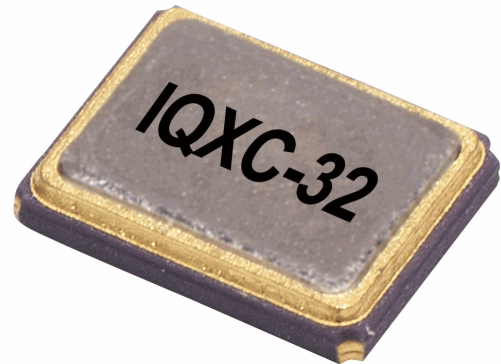
- Frequency*
Model*
Frequency Tolerance (@25°C)*
Frequency Stability (over operating temperature range)*
Operating Temperature Range*
Load Capacitance*
Overtone
- Example
20.00MHz IQXC-32-B
30/50/-40 to 85C/8 FUND

Compliance

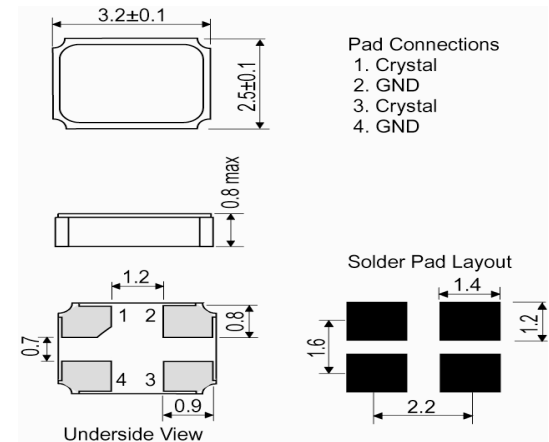
- | | |
|------------------------------|----------------|
| ■ RoHS Status | Compliant |
| ■ REACH Status | Compliant |
| ■ MSL Rating (JDEC-STD-033): | Not Applicable |

Packaging Details

- | | |
|--------------------|--|
| ■ Pack Style: Reel | Tape & reel in accordance with EIA-481-D |
| Pack Size: 3,000 | |
| ■ Pack Style: Bulk | Loose in bulk pack |
| Pack Size: 100 | |



Outline (mm)



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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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