

**Description**

- Standard 5x3.2mm SMD crystal with 4 pads
Ceramic package with a seam sealed metal lid, hermetically sealed
- Model CFPX-104
- Model Issue number 9

Frequency Parameters

- Frequency 12.0MHz
- Frequency Tolerance @ 25°C $\pm 50.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ max per year @ 25°C

Electrical Parameters

- Load Capacitance (C_L) 18.00pF
- Shunt Capacitance (C_0) 7pF max
- Drive Level 100 μ W max
- ESR 90 Ω max

Environmental Parameters

- Vibration: MIL-STD-202F, Method 204D, Test Condition D:
20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes
(total 12hrs)
- Storage Temperature Range: -55 to 125°C
- Drop: 75cm drop (3 times) onto hard wooden board

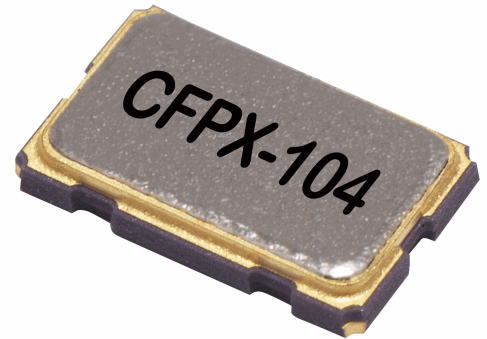
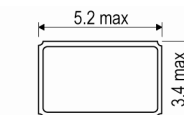
Compliance

- RoHS Status Compliant
- REACH Status Compliant

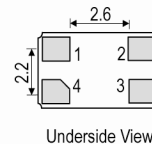
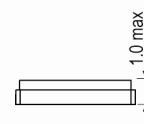
Packaging

- Pack Type: Bulk Loose in bulk pack
- Pack Size 100
- Alternative packing option available

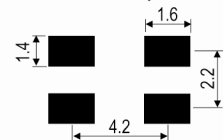
This document is correct at the time of printing; please contact your local office for the latest version.

**Outline (mm)****Pad Connections**

1. Crystal
2. GND & Lid
3. Crystal
4. GND & Lid



Underside View

Solder Pad Layout**Sales Office Contact Details:**

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