



Description

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

Frequency Parameters

- Frequency 24.0MHz
- Frequency Tolerance @ 25°C ±10.00ppm
- Frequency Stability ±10.00ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing ±3ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (C_L) 10.00pF
- Shunt Capacitance (C₀) 7pF max
- Drive Level 100µW max
- ESR 40Ω max

Environmental Parameters

- Shock: 1500G, 0.5ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 20G (20Hz-2000Hz), 1.52mm amplitude, 20mins in 3 mutually perpendicular planes, 4 cycles
- Storage Temperature Range: -55 to 125°C

Compliance

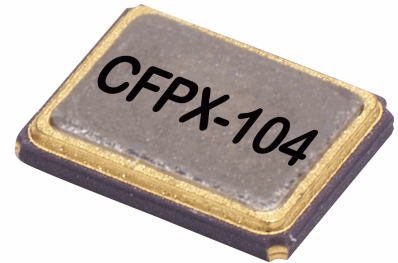
- RoHS Status Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

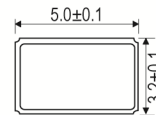
- Pack Type: Bulk Loose in bulk pack
- Pack Size 100

- Alternative packing option available

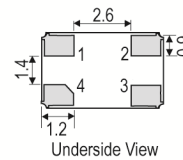
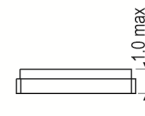
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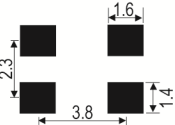
Outline (mm)



- Pad Connections
- Crystal
 - GND & Lid
 - Crystal
 - GND & Lid



Solder Pad Layout



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