



Description

- Standard 3.2 x 2.5mm SMD crystal
- Model CFPX-180
- Model Issue number 7

Frequency Parameters

- Frequency 27.0MHz
- Frequency Tolerance @ 25°C ±10.00ppm
- Frequency Stability ±10.00ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

Electrical Parameters

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

Environmental Parameters

- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- 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

Compliance

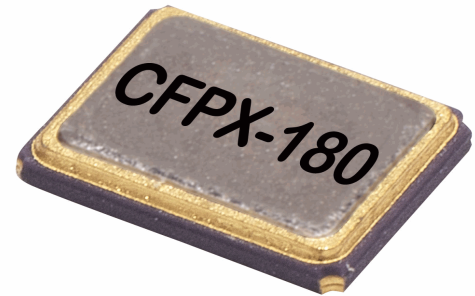
- RoHS Status Compliant
- REACH Status Compliant
- MSL Rating (JEDEC-STD-033): Not Applicable

Packaging

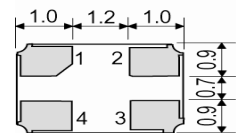
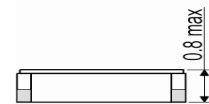
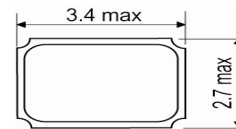
- Pack Type: Bulk Loose in bulk pack
- Pack Size 100

- Alternative packing option available

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



Outline (mm)

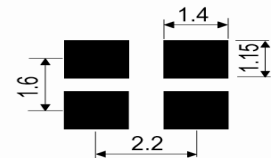


Underside View

Pad Connections

- Crystal
- GND
- Crystal
- GND

Solder Pad Layout



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