

Description

- Standard 3.2 x 2.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-180
- Model Issue number 13

Frequency Parameters

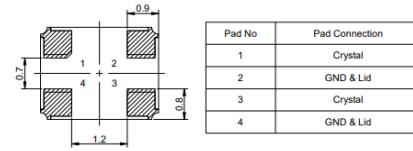
■ Frequency	25.0MHz
■ Frequency Tolerance	±30.00ppm
■ Tolerance Condition	@25°C
■ Frequency Stability	±30.00ppm
■ Operating Temperature Range	-40.00 to 85.00°C
■ Overtone Order	Fundamental
■ Ageing	±5ppm max per year @25°C



Electrical Parameters

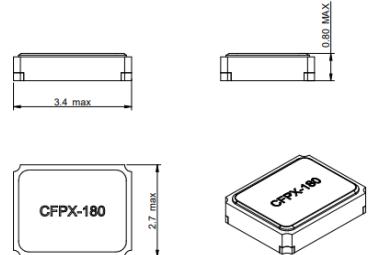
■ Load Capacitance (CL)	12.00pF
■ Shunt Capacitance (C0)	7pF max
■ Drive Level	100µW max
■ ESR	50.00Ω max

Outline (mm)



Environmental Parameters

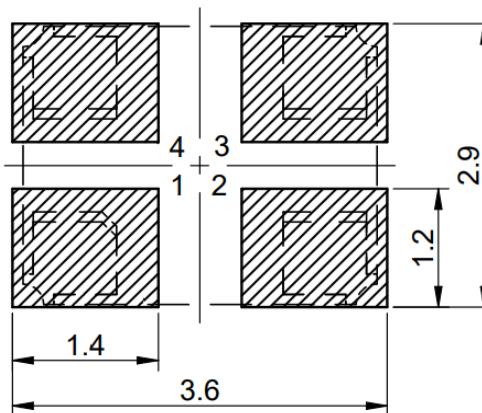
- Storage Temperature Range: -55 to 125°C
- Shock: 1500g, 0.5ms, 3 times in each of the 3 mutually perpendicular planes.
- Vibration: MIL-STD-883F, 20g (20Hz~2000Hz), 1.52mm amplitude, 20 minutes in 3 mutually perpendicular planes, 4 cycles.



Manufacturing Details

■ RoHS Terminations	NiAu
■ RoHS Reflow Temp	260°C max over 10 seconds

Recommended Solder Pad Layout



Compliance

■ RoHS Status (2015/863/EU)	Compliant
■ REACH Status	Compliant
■ MSL Rating (JDEC-STD-033):	Not Applicable

Packaging Details

- Tape & reel in accordance with EIA-481
Quantities below the standard reel size to be supplied on cut tape
- Standard Quantity: 3,000 Pieces

U S E F U L L I N K S

Toolbox:

www.we-online.com/toolbox

Product Catalog:

www.we-online.com/products

CONTACT INFORMATION:

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