

Description

- 2.5 x 2mm SMD crystal in a hermetically sealed ceramic package with a seam sealed metal lid.
- Model CFPX-218
- Model Issue number 6

Frequency Parameters

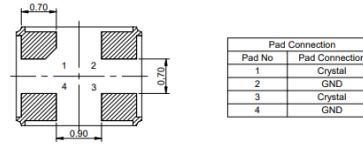
■ Frequency	40.0MHz
■ Frequency Tolerance	±10.00ppm
■ Tolerance Condition	@ 25°C
■ Frequency Stability	±10.00ppm
■ Operating Temperature Range	-20.00 to 70.00°C
■ Overtone Order	Fundamental
■ Ageing	±3ppm max per year @ 25°C



Electrical Parameters

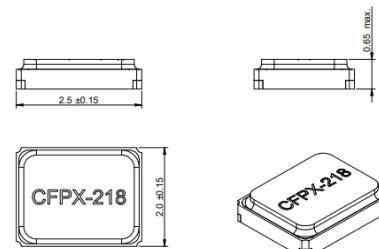
■ Load Capacitance (CL)	10.00pF
■ Shunt Capacitance (C0)	3pF max
■ Drive Level	100µW max
■ ESR	60.00Ω max

Outline (mm)



Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Drop: 100cm drop (3 times) onto hard wooden board.
- Vibration: MIL-STD-883F, Method 2007.3: 20G (20Hz-2000Hz), 1.52mm amplitude, 20mins in 3 mutually perpendicular planes (total 4hrs).



Manufacturing Details

■ RoHS Terminations	NiAu
■ RoHS Reflow Temp	260°C max for 10secs max

Compliance

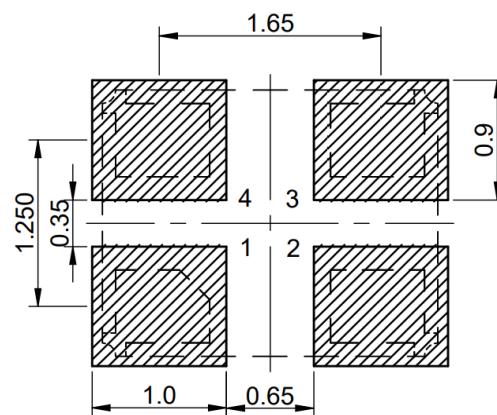
■ RoHS Status (2015/863/EU)	Compliant
■ REACH Status	Compliant
■ MSL Rating (JDEC-STD-033):	Not Applicable

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

Recommended Solder Pad Layout



USEFUL LINKS

Toolbox:

www.we-online.com/toolbox

Product Catalog:

www.we-online.com/products

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