

**Description**

2.5 x 2mm SMD crystal.

Ceramic package with a seam sealed metal lid, hermetically sealed

Model	CFPX-218
Model Issue number	3

Frequency Parameters

Frequency	24.5760MHz
Frequency Tolerance @ 25°C	±50.00ppm
Frequency Stability	±50.00ppm
Operating Temperature Range	-10.00 to 60.00°C
Overtone Order	Fundamental
Ageing	±3ppm max per year at 25°C

Electrical Parameters

Load Capacitance (C _L)	18.00pF
Shunt Capacitance (C ₀)	5pF max
Drive Level	100µW max
ESR	100Ω max

Environmental Parameters

Vibration: MIL-STD-883F, Method 2007.3: 20G (20Hz-2000Hz), 1.52mm amplitude, 20mins in 3 mutually perpendicular planes (total 4hrs)

Drop: 100cm drop (3 times) onto hard wooden board

Compliance

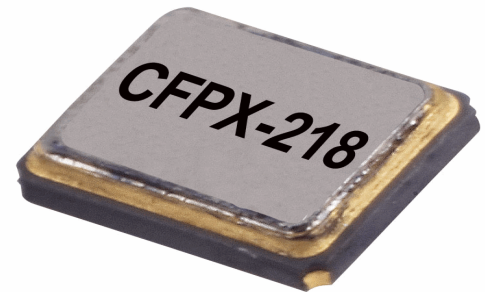
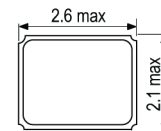
RoHS Status	Compliant
REACH Status	Compliant

Packaging

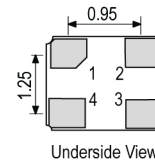
Pack Type: Reel	Tape and reel in accordance with EIA-481-D
-----------------	--

Pack Size 1,000

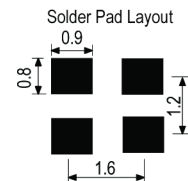
Alternative packing option available

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
3. Crystal
4. GND



Underside View



Solder Pad Layout

Contact Details:

UK: +44 (0)1460 270200

Germany: +49 (0)7264 9145-0

Taiwan: +886 (0)2 8758 2283

USA: +1 (0) 650 798 5047

Email: info@iqdfrequencyproducts.comWeb: www.iqdfrequencyproducts.com