

QUARTZ CRYSTAL MHZ

Part Number: 830106038101 | -B | CFPX-228

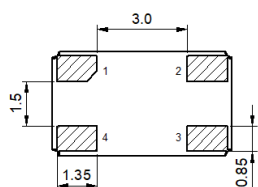
AKA Number: LFX TAL060381



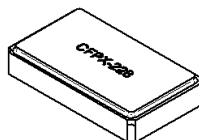
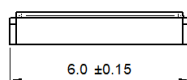
General Information

Standard 6 x 3.5mm crystal available only in a 4 pad package.
Ceramic package with a seam sealed metal lid, hermetically sealed.

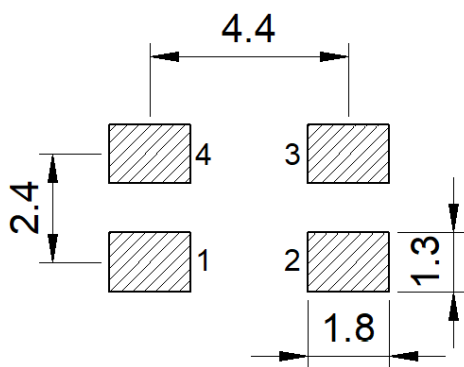
Dimensions [mm]



Pad	Pad Connection
1	Crystal
2	GND
3	Crystal
4	GND



Recommended Land Pattern [mm]



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Frequency Parameters

Frequency	12.0 MHz
Frequency Tolerance	± 20 ppm
Frequency Stability	± 20 ppm
Operating Temperature	-20 °C to 70 °C
Overtone Order	Fundamental
Ageing	± 3 ppm max per year @ 25 °C

Material Parameters

Moisture Sensitivity Level (MSL)	Not Applicable
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Manufacturing Details

260°C max for 10s max

Company Address

IQD Frequency Products Ltd.
Station Road
Crewkerne
Somerset
TA18 8AR, United Kingdom

Electrical Parameters

Load Capacitance C_L	18 pF
Shunt Capacitance C₀	7 pF max.
ESR	30 Ω max.

Environmental Parameters

Storage Temperature Range:	-55 °C to 125 °C
- Drop Test: Unit dropped from height of 100cm onto hard wooden plate (>30mm thickness), three times. JIS-C-0044 - Vibration: MIL-STD-883F: 2007.3 Frequency range 20 to 2000Hz, peak amplitude 1.52mm, peak acceleration 20g, 20min/axis X, Y & Z, total test time 4 hrs	

Technical Standards

RoHS Status	2015/863/EU - Compliant
REACH Status	(EC)1907/2006 - Compliant

Packaging Details

Packaging SPQ	Tape & Reel 1000 pcs
In tape, cut from a reel	