

QUARTZ CRYSTAL MHZ

Part Number: 830108288709 | IQXC-42

AKA Number: LFX TAL082887

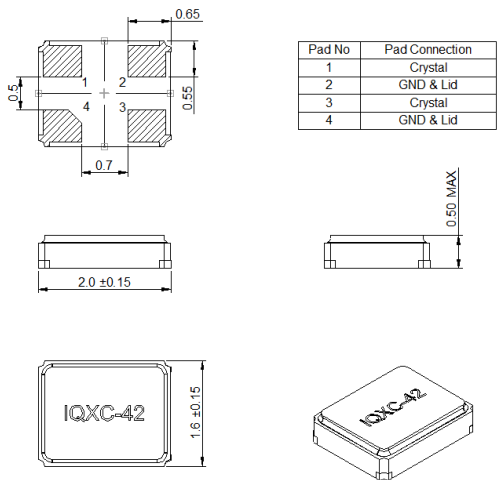


General Information

2 x 1.6mm SMD crystal.

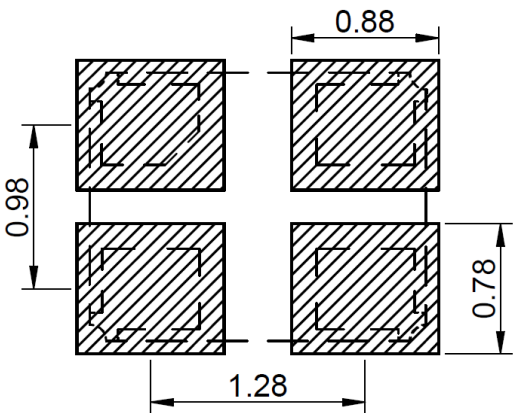
Ceramic package with a seam sealed metal lid, hermetically sealed.

Dimensions [mm]



Note: The pad style on the base of the device may differ slightly from the drawing.
The chamfer may appear on pad 2 or 4.
This causes no change to the electrical performance of the device

Recommended Land Pattern [mm]



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Frequency Parameters		Electrical Parameters	
Frequency	16.0 MHz	Load Capacitance CL	10 pF
Frequency Tolerance	± 10 ppm	Shunt Capacitance CO	3 pF max.
Frequency Stability	± 30 ppm	Drive Level	100 µW max.
Operating Temperature	-40 °C to 105 °C	ESR	200 Ω max.
Overtone Order	Fundamental	Environmental Parameters	
Ageing	± 3 ppm max. per year		
Material Parameters		Storage Temperature Range:	
Termination Finish	Au 0.3 µm to 1 µm	■ Vibration (MIL-STD-202 Method 204): Frequency: 10 - 55 Hz. Amplitude: 0.7 - 0.9 mm pk-pk. Sweep: 1 minute. Duration: 2 hours in each of 3 mutually perpendicular direction. ■ Shock Test (MIL-STD-202 Method 213. Condition C): Half-sine shock pulse peak acceleration of 100 g ; pulse duration of 6 ms.	
Moisture Sensitivity Level (MSL)	Not Applicable		
		Technical Standards	
		RoHS Status	2015/863/EU - Compliant
		REACH Status	Compliant
		Packaging Details	
		Packaging SPQ	Tape & Reel 3000 pcs
		Tape & reel in accordance with EIA-481	
		Quantities below the standard reel size to be supplied on cut tape.	

Company Address

IQD Frequency Products Ltd.
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