QUARTZ CRYSTAL MHZ

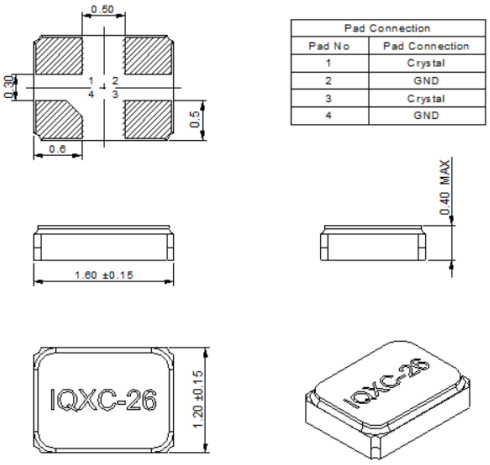
Part Number: 830069527 | IQXC-26

AKA Number: LFXTAL069527

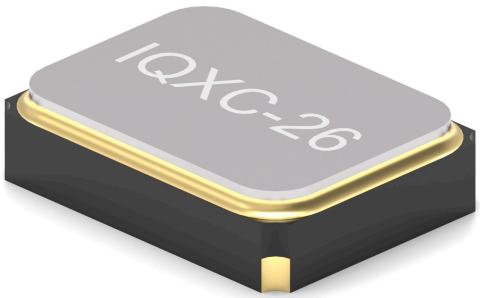
General Information

Standard 1.6 x 1.2mm SMD crystal in a hermetically sealed ceramic package with a sealed metal lid.

Dimensions [mm]

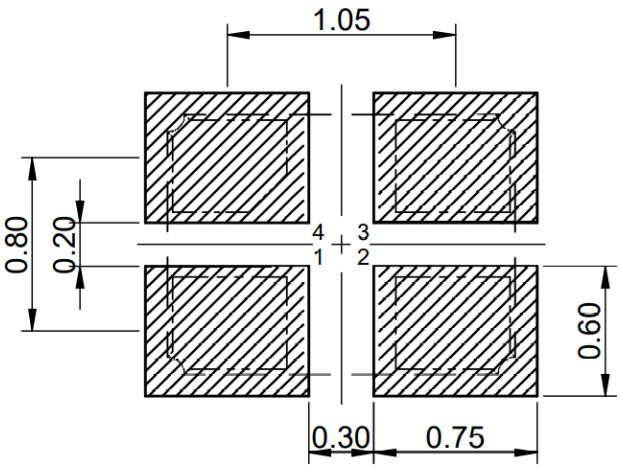


Pad Connection	
Pad No	Pad Connection
1	Crystal
2	GND
3	Crystal
4	GND



NOTE: The pad style on the base of the device may differ slightly from the drawing.
The chamfer may appear on Pad 1 or 4.
This causes no change to the electrical performance of the device.

Recommended Land Pattern [mm]



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AKA Number: LFXTAL069527

Frequency Parameters

Frequency	40.0 MHz
Frequency Tolerance	± 15 ppm @ 25°C
Frequency Stability	± 15 ppm
Operating Temperature	-20 °C to 70 °C
Ageing	± 3 ppm max. first year @ 25 °C

Material Parameters

Moisture Sensitivity Level (MSL)	Not Applicable

Electrical Parameters

Load Capacitance C_L	8 pF
Shunt Capacitance C_0	3 pF max.
Drive Level	100 µW max.
ESR	100 Ω max.

Environmental Parameters

Storage Temperature Range:	-55 °C to 125 °C

- Shock Test (MIL-STD-202 Method 213): Half Sine shock pulse with peak acceleration 500 g. Pulse duration: 0.3 ms.
- 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.

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.
Station Road
Crewkerne
Somerset
TA18 8AR, United Kingdom

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