

QUARTZ CRYSTAL MHZ

Part Number: 8301095065 | 12SMX-B

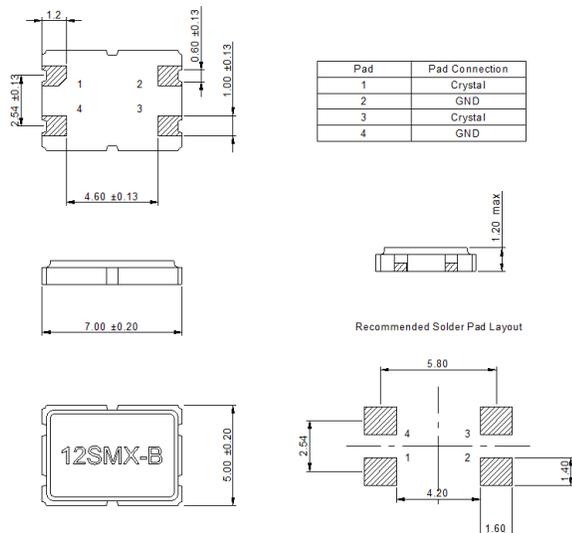
AKA Number: LFX TAL095065



General Information

Standard 7.0 x 5.0 mm SMD crystal

Dimensions [mm]



Frequency Parameters

Frequency	11.05920 MHz
Frequency Tolerance	± 50 ppm
Frequency Stability	± 100 ppm
Operating Temperature	-40 °C to 125 °C
Overtone Order	Fundamental
Ageing	± 5 ppm max. first year

Material Parameters

Termination Finish	Au Ni
Moisture Sensitivity Level (MSL)	Not Applicable

Manufacturing Details

Reflow: 260 °C max. over 10 seconds max.

Electrical Parameters

Load Capacitance CL	8 pF
Shunt Capacitance CO	7 pF max.
Drive Level	100 µW max.
ESR	60 Ω max.

Environmental Parameters

Storage Temperature Range:	-40 °C to 125 °C
■ Drop Test:	In accordance with JIS-C0044; The specimen is measured for its frequency and resistance before the test. It is then dropped from a height of 75 cm or more as a free fall object onto a hard wooden plate of 30 mm or more in thickness.
■ Vibration Test:	MIL-STD-202 Method 204. 5 g for 20 minutes, 12 cycles in each of the 3 orientations, 10.0 ~ 2000.0 Hz. As per Table 11 of AEC-Q200.

Technical Standards

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

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Packaging Details

Packaging SPQ

Tape & Reel 1000 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