

QUARTZ CRYSTAL MHZ

Part Number: 830101790702 | HC49/4H

AKA Number: LFX TAL017907B

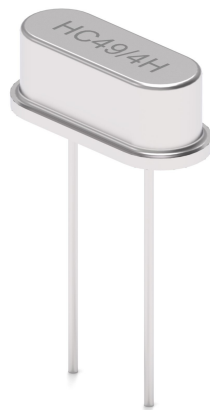
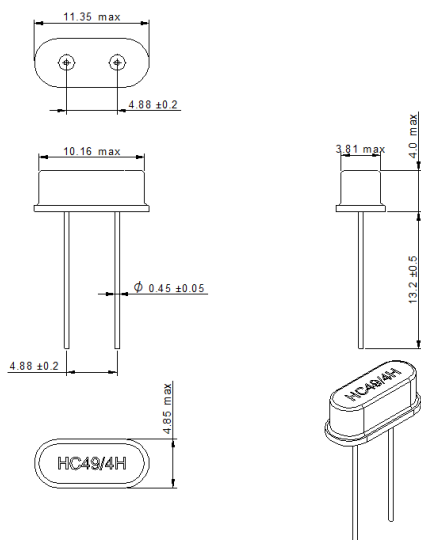


General Information

Industry standard leaded package.

Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads.

Dimensions [mm]



Frequency Parameters

Frequency	10.0 MHz
Frequency Tolerance	± 30 ppm @ 25 °C
Frequency Stability	± 50 ppm
Operating Temperature	-20 °C to 70 °C
Overtone Order	Fundamental
Ageing	± 5 ppm typ. per year at 25 °C

Material Parameters

Termination Finish	Sn Ag Cu
Moisture Sensitivity Level (MSL)	Not Applicable

Manufacturing Details

Reflow: 260 °C max over 10 s max.

Electrical Parameters

Load Capacitance C_L	12 pF
Shunt Capacitance C_0	7 pF max.
Drive Level	500 µW max.
ESR	40 Ω max.

Environmental Parameters

Storage Temperature Range:	-55 °C to 125 °C
Shock:	MIL-STD-202 Method 213, Condition C, Half sine shock pulse peak acceleration of 100 g, pulse duration 6 ms.
Vibration:	MIL-STD-202 Method 204, 5 g for 20 minutes, 12 cycles in each of the 3 orientations, 10~2000 Hz.

Technical Standards

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

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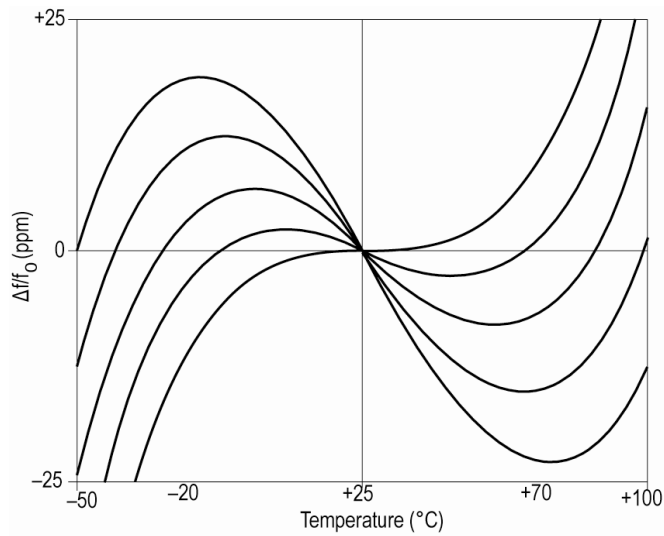


Packaging Details

Packaging SPQ

Bulk 100 pcs

Stability vs. Temperature



Company Address

IQD Frequency Products Ltd.
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