QUARTZ CRYSTAL MHZ

Part Number: 830003327B | HC49

AKA Number: LFXTAL003327B

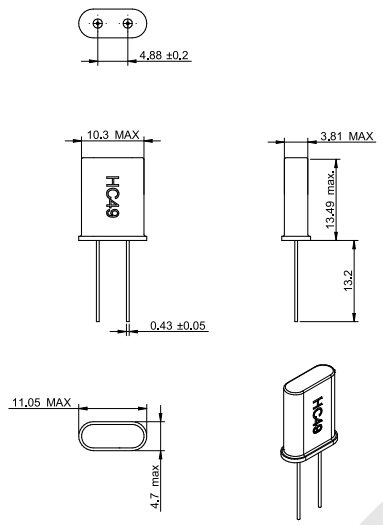
WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

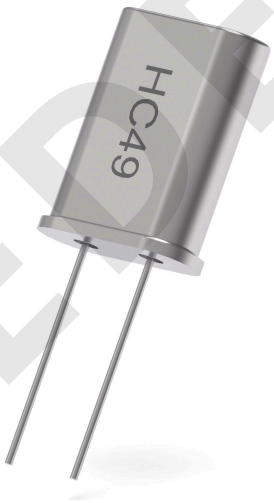
RoHS COMPLIANT

General Information

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

Dimensions [mm]





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Frequency Parameters

Frequency	11.0 MHz
Frequency Tolerance	± 20 ppm
Frequency Stability	± 30 ppm
Operating Temperature	-10 °C to 60 °C
Overtone Order	Fundamental
Ageing	± 5 ppm max. per year @ 25 °C

Material Parameters

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

Electrical Parameters

Load Capacitance C_L	30 pF
Shunt Capacitance C_0	7 pF max.
Drive Level	1 mW max.
ESR	35 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.

Manufacturing Details

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

Technical Standards

RoHS Status	2015/863/EU - Compliant
REACH Status	Compliant

Packaging Details

Packaging SPQ	Bulk 100 pcs

Company Address

Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
Max-Eyth-Str. 1
74638 Waldenburg
Germany
Tel. +49 (0) 79 42 945 - 0
www.we-online.com
eiSos@we-online.com

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