



Quartz Crystal Specification

IQD Part No. + Packaging: LFX TAL003164Bulk

Würth Part No. **830003164B**



Description

- Industry standard leaded package
Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads
- Standard 2 leg HC49 package
- Model HC49
- Model Issue number 15

Frequency Parameters

- Frequency 10.0MHz
- Frequency Tolerance ± 20.00 ppm
- Frequency Stability ± 50.00 ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing ± 3 ppm typical per year

Electrical Parameters

- Load Capacitance 30.00pF
- Shunt Capacitance 7pF max
- Drive Level 1mW max
- ESR 35.00Ω max

Environmental Parameters

- Shock: 981m/s^2 , 6ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s^2 , 30mins in 3 mutually perpendicular planes
- Storage Temperature Range: -55 to 125°C

Manufacturing Details

- RoHS Terminations SnAgCu or Sn
- RoHS Reflow Temp 260°C 10s

Compliance

- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- Alternative packing option available

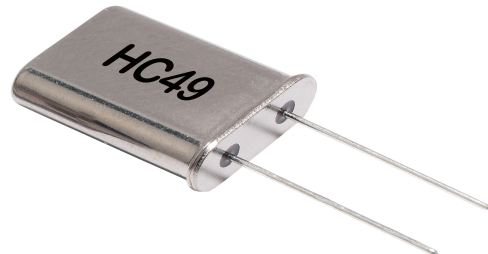
USEFUL LINKS

Toolbox:

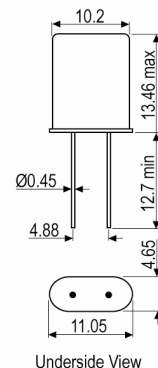
www.we-online.com/toolbox

Product Catalog:

www.we-online.com/products



Outline (mm)



CONTACT INFORMATION:

Würth Elektronik eiSos GmbH & Co. KG
Max-Eyth-Str. 1, 74638 Waldenburg, Germany
Tel: +49(0) 7942 945-0

Email: eiSos@we-online.de
Web: www.we-online.com