

Description

- Industry standard leaded package
Resistance welded, hermetically sealed in an inert atmosphere,
glass to metal seals on leads
- Model HC49/4H
- Model Issue number 16

Frequency Parameters

- Frequency 27.120MHz
- Frequency Tolerance $\pm 30.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order 3RD
- Ageing $\pm 5\text{ppm}$ typical per year at 25°C

Electrical Parameters

- Load Capacitance (CL) Series Resonant
- Shunt Capacitance (C0) 7pF max
- Drive Level 500µW max
- ESR 100.00Ω max

Environmental Parameters

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

Manufacturing Details

- RoHS Terminations Sn, Ag & Cu
- RoHS Reflow Temp 260°C max over 10 seconds

Compliance

- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Bulk Pack
Standard Quantity: 100 Pieces

USEFUL LINKS

Toolbox:

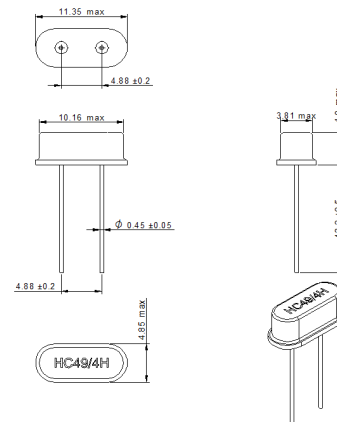
www.we-online.com/toolbox

Product Catalog:

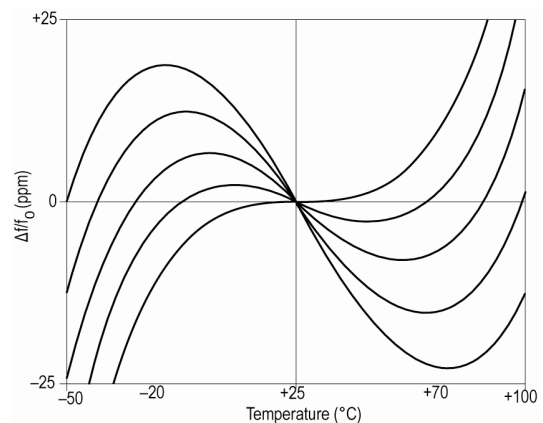
www.we-online.com/products



Outline (mm)



Typical Frequency vs Temperature Curves



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