

### 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 16

### Frequency Parameters

- Frequency 30.0MHz
- Frequency Tolerance  $\pm 20.00\text{ppm}$
- Frequency Stability  $\pm 50.00\text{ppm}$
- Operating Temperature Range  $-10.00$  to  $60.00^\circ\text{C}$
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm}$  max per year

### Electrical Parameters

- Load Capacitance Series Resonant
- Shunt Capacitance  $7\text{pF}$  max
- Drive Level  $1\text{mW}$  max
- ESR  $35.00\Omega$  max

### Environmental Parameters

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

### Manufacturing Details

- RoHS Terminations Sn, Ag & Cu
- RoHS Reflow Temp  $260^\circ\text{C}$  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:

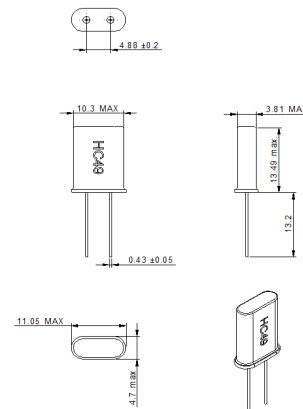
[www.we-online.com/toolbox](http://www.we-online.com/toolbox)

#### Product Catalog:

[www.we-online.com/products](http://www.we-online.com/products)



### Outline (mm)



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