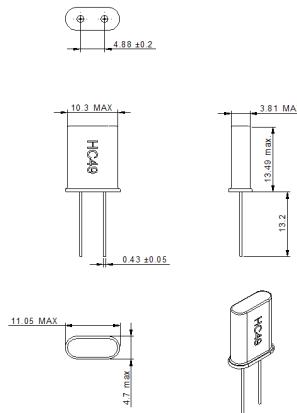


**Customer Part:****Description**

- 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 24.5760MHz
- Frequency Tolerance  $\pm 20.00\text{ppm}$
- Frequency Stability  $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm}$  max per year

**Outline (mm)****Electrical Parameters**

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

**Environmental Parameters**

- 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.
- Storage Temperature Range: -55 to 125°C

**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 Pack Quantity: 100

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