

### 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 27.1450MHz
- Frequency Tolerance  $\pm 20.00\text{ppm}$
- Frequency Stability  $\pm 30.00\text{ppm}$
- 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 20.00pF
- Shunt Capacitance 7pF max
- Drive Level 1mW max
- ESR 35.00 $\Omega$  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  $125^\circ\text{C}$

#### 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

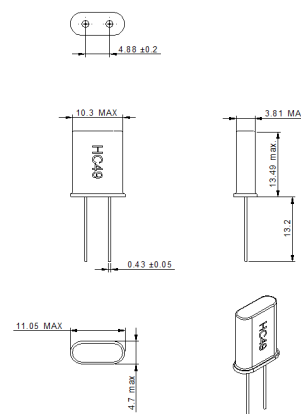
#### Packaging Details

- Bulk pack

Standard Pack Quantity: 100



#### Outline (mm)



#### Sales Office Contact Details:

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