

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 2.45760MHz
- Frequency Tolerance $\pm 30.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm max per year}$

Electrical Parameters

- Load Capacitance Series Resonant
- Shunt Capacitance 7pF max
- Drive Level 1mW max
- ESR $600.00\Omega \text{ max}$

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, $10\sim 2000\text{Hz}$.
- Storage Temperature Range: -55 to 125°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:

UK: +44 (0)1460 270200

Email: info@iqdfrequencyproducts.com

Web: www.iqdfrequencyproducts.com