

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 15

Frequency Parameters

- Frequency 16.0MHz
- 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 $\pm 3\text{ppm}$ typical per year

Electrical Parameters

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

Environmental Parameters

- Shock: 981m/s^2 , 6ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s^2 , 30mins in 3 mutually perpendicular planes
- Storage Temperature Range: -55 to 125°C

Compliance

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

Packaging Details

- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- *Alternative packing option available*



Outline (mm)



Sales Office Contact Details:

UK: +44 (0)1460 270200
Germany: 0800 1808 443

France: 0800 901 383
USA: +1.760.318.2824

Email: info@iqdfrequencyproducts.com
Web: www.iqdfrequencyproducts.com

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