



#### **Customer Part:**

## Description

Industry standard SMD crystal
Resistance welded, hermetically sealed in an inert atmosphere,
glass to metal seals on leads
Lead wires are mounted onto a plastic former to create a gull
wing mount

■ Model HC49/4HSMX

■ Model Issue number 17

# **Frequency Parameters**

■ Frequency
 ■ Frequency Tolerance
 ■ Tolerance Condition
 ● Every Stability
 ■ Operating Temperature Range
 ■ Overtone Order
 ■ Romer Summary
 ■ Bundamental
 ■ Summary
 ■ Company
 ■ Company
 ■ Overtone Order
 ■ Summary
 ■ Company
 <li

■ Ageing ±5ppm typ per year @25°C

## **Electrical Parameters**

Load Capacitance (CL)
 Shunt Capacitance (C0)
 Drive Level
 ESR
 18.00pF
 7pF max
 500μW max
 40.00Ω max

#### **Environmental Parameters**

 Shock: 981m/s², 6ms, 3 times in each of 3 mutually perpendicular planes.

 Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s², 30mins in 3 mutually perpendicular planes.

Storage Temperature Range: -55 to 125°C

RoHS Terminations

■ RoHS Reflow Temp 260°C max for 10s max

# Compliance

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

## **Packaging Details**

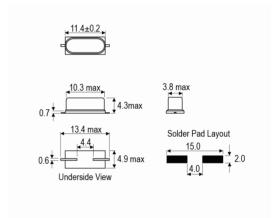
Pack Style: Reel Tape & reel in accordance with EIA-481-D

Pack Size: 1,000

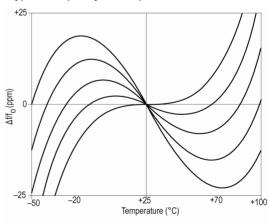
Alternative packing option available



# Outline (mm)



### **Typical Frequency vs Temperature Curves**



#### **Sales Office Contact Details:**

UK: +44 (0)1460 270200

USA: +1.760 668 8935