



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: 4.91520MHz
- Frequency Tolerance @ 25°C: ±30.00ppm
- Frequency Stability: ±50.00ppm
- Operating Temperature Range: -20.00 to 70.00°C
- Overtone Order: Fundamental
- Ageing: ±5ppm typ per year @ 25°C

Electrical Parameters

- Load Capacitance (CL): 18.00pF
- Shunt Capacitance (Co): 7pF max
- Drive Level: 500µW max
- ESR: 130Ω 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

Compliance

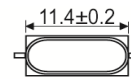
- RoHS Status: Compliant
- REACH Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

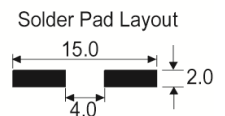
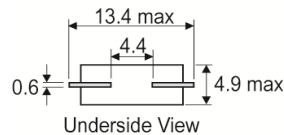
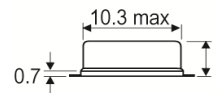
- Pack Type: Reel
Tape & reel in accordance with EIA-481-D
Pack Size: 1,000
- Alternative packing option available
This document is correct at the time of printing; please contact your local office for the latest version.



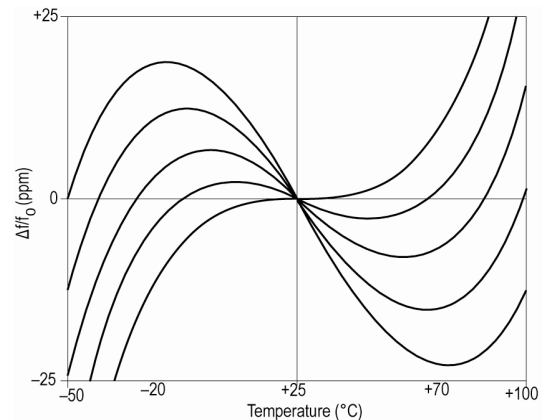
Outline (mm)



- * Package Height Options
- HC49/4HSMX: 4.3mm max
 - HC49/3.5HSMX: 3.7mm max
 - HC49/3HSMX: 3.1mm max
 - HC49/2.5HSMX: 2.85mm max



Typical Frequency vs Temperature Curves



Sales Office Contact Details:

UK: +44 (0)1460 270200

France: +33 (0)5 34 50 91 18

Email: info@iqdfrequencyproducts.com

Germany: +49 (0) 30 408 192 300

USA: +1 408.273.4530

Web: www.iqdfrequencyproducts.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [iqd manufacturer](#):

Other Similar products are found below :

[LFXTAL071761CUTT](#) [LPMC XO063767BULK](#) [LPMC XO063773BULK](#) [LFOC XO063802BULK](#) [LFOC XO063809BULK](#)
[LFTC XO063709BULK](#) [LFTC XO063710BULK](#) [LFTC XO063779BULK](#) [LFTC XO070028Cutt](#) [LFTV XO063701BULK](#)
[LFTV XO063702BULK](#) [LFTV XO063703BULK](#) [LFTV XO063707BULK](#) [LFTV XO063791BULK](#) [LF XTAL003156](#) [LPMC XO063766BULK](#)
[LPMC XO063771BULK](#) [LFOC XO063816BULK](#) [LFTC XO063713BULK](#) [LFTC XO063714BULK](#) [LFTC XO063716BULK](#)
[LFTV XO063704BULK](#) [LFTV XO063705BULK](#) [LFTV XO063706BULK](#) [LFTV XO063789BULK](#) [LFTV XO063790BULK](#) [LF XTAL003113](#)
[LFOC XO063809](#) [LFSP XO009581](#) [LFTC XO063784](#) [LFTV XO063786](#) [LFSP XO009686Bulk](#) [LFRB XO059244Bulk](#) [LFTV XO075802Cutt](#)
[LFOC XO067293Bulk](#) [LFTC XO075792Cutt](#) [LPMC XO064079BULK](#) [LFSP XO071189](#) [LFOC XO067293](#) [LFXTAL012312BULK](#)
[LFTC XO063780BULK](#) [LFSP XO056269CUTT](#) [LFOC XO063803BULK](#) [LFSP XO009592CUTT](#) [LFOC XO065520Bulk](#) [LFMISC070550Bulk](#)
[LFSP XO025494Cutt](#) [LPMC XO064080BULK](#) [LFOC XO063804BULK](#) [LFSP XO019884BULK](#)