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: 20.0MHz
- Frequency Tolerance: ±30.00ppm
- Tolerance Condition: @ 25°C ±2°C
- Frequency Stability: ±50.00ppm
- Operating Temperature Range: -10.00 to 60.00°C
- Overtone Order: Fundamental
- Ageing: ±5ppm typ per year @ 25°C

Electrical Parameters
- Load Capacitance (CL): 16.00pF
- Shunt Capacitance (C0): 7pF max
- Drive Level: 500µW max
- ESR: 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

Compliance
- RoHS Status (2011/65/EU): Compliant
- REACh Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details
- Pack Style: Reel
  - Tape & reel in accordance with EIA-481-D
  - Pack Size: 1,000
- Alternative packing option available