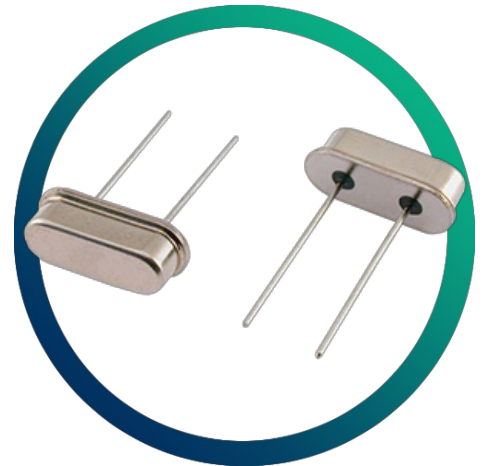


HC49-4H

Industry Standard Footprint Leaded Crystal



- Industry standard HC49 footprint
- Fundamental mode available up to 50.0MHz
- Low profile for close board stacking

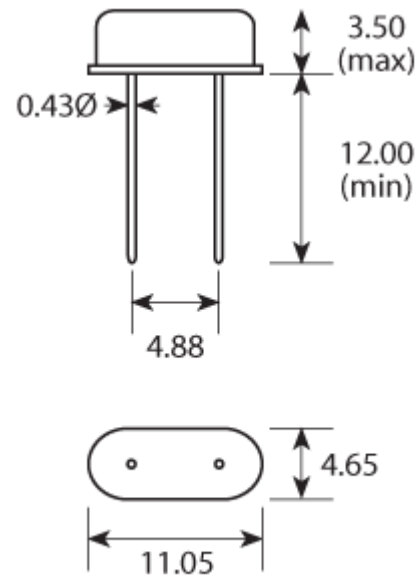
CONFIGURABLE OPTIONS

| Parameter | Option Code |
|------------------------------------|-------------|
| Frequency | |
| Calibration tolerance | |
| Any | |
| ±20ppm | 2 |
| ±30ppm | 3 |
| ±50ppm | 5 |
| Temperature stability | |
| Any | |
| ±30ppm | 3 |
| ±50ppm | 5 |
| ±100ppm | C |
| Operating temperature range | |
| Any | |
| -10 to +60°C | 1 |
| -20 to +70°C | 2 |
| -30 to +80°C | 3 |
| -40 to +85°C | 4 |
| Circuit condition | |
| Any | |
| 12pF | B |
| 16pF | D |
| 18pF | E |
| 20pF | F |
| 30pF | J |
| Oscillation mode | |
| Any | |
| Fundamental | F |
| 3rd overtone | 3 |

SPECIFICATIONS

| | |
|--------------------------------------|------------------------------------|
| Frequency range | 3.2768 ~ 90.0MHz |
| Dimensions | 11.05 x 4.65 x 3.5mm |
| Equivalent series resistance | 200Ω max (>3.2 ~ 3.5MHz) |
| | 150Ω max (>3.5 ~ 4.0MHz) |
| | 120Ω max (>4.0 ~ 4.4MHz) |
| | 100Ω max (>4.4 ~ 7.0MHz) |
| | 70Ω max (>7.0 ~ 10.0MHz) |
| | 50Ω max (>10.0 ~ 50.0MHz, fund) |
| | 100Ω max (>25.0 ~ 90.0MHz, 3rd OT) |
| Static capacitance (C ₀) | 7pF max |
| Ageing | ±3ppm max first year |
| Test drive level | 100μW |

PACKAGE DRAWING



Dimensions in mm

ORDERING INFORMATION

To request a quotation for the HC49-4H please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at sales@golledge.com.

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

HANDLING & STORAGE



Human Body Model (HBM) 1A (250V to <500V)



Moisture Sensitivity Level (MSL): 1 (or not applicable)

CONSTRUCTION

Resistance weld

COMPLIANCE

Lead-free (< 0.1% by weight)

RoHS compliant with no exemptions. [See our declaration](#)REACH compliant. [See our statement](#)Free of conflict minerals. [See our declaration](#)Free of Halogens. [See our declaration](#)Free of Ozone-depleting substances. [See our declaration](#)