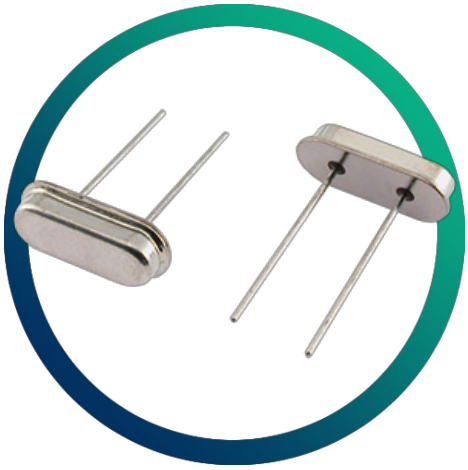
HC49-3H

Low Profile Leaded Crystal



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

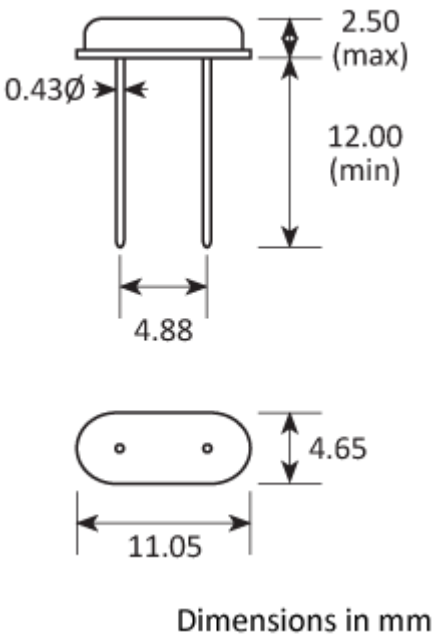
CONFIGURABLE OPTIONS

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	3.579 ~ 90.0MHz
Dimensions	11.05 x 4.65 x 2.5mm
Equivalent series resistance	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 HC49-3H 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