HC49-4H

Industry Standard Footprint Leaded Crystal

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

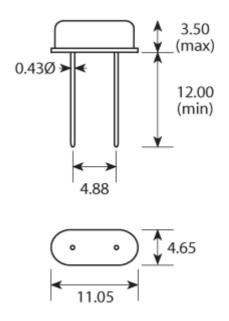


CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Calibration tolerance	
Any	
±20ppm	2
±30ppm	3
±50ppm	5
Temperature stability	
Any	
±30ppm	3
±50ppm	5
±100ppm	C
Operating temperature range	
Any	
-10 to +60°C	1
-20 to +70°C	2
-30 to +80°C	3
-40 to +85°C	4
Circuit condition	
Any	
12pF	В
16pF	D
18pF	Е
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)
resistance	$120\Omega \text{ max} (>4.0 \sim 4.4 \text{MHz})$
	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	7pF max
capacitance (C ₀)	
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)

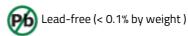


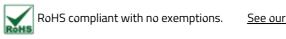
Moisture Sensitivity Level (MSL): 1 (or not applicable)

CONSTRUCTION

Resistance weld

COMPLIANCE





declaration







