



\*1.0MHz HC49-4H height is 4.00 (max)

## Features

- ▶ Industry standard HC49 footprint
- ▶ Fundamental mode available up to 50.0MHz
- ▶ Comprehensive stock of standard frequencies
- ▶ Low profile for close board stacking

## Specifications

**HC49-4H: 3.5mm maximum height**

**HC49-3H: 2.5mm maximum height**

Parameters	Product		Option Code
	HC49-4H	HC49-3H	
Package:	HC49-4H HC49-3H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Frequency range:	1.0MHz 3.2768 ~ 90.0MHz 3.579 ~ 90.0MHz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Calibration tolerance:	±20ppm ±30ppm ±50ppm Other values (±10ppm ~ ±100ppm)	<input type="checkbox"/>	<input type="checkbox"/>
Temperature stability:	±30ppm ±50ppm ±100ppm Other values (±10ppm ~ ±100ppm)	<input type="checkbox"/>	<input type="checkbox"/>
Operating temperature range:	-10 to +60°C -20 to +70°C -30 to +80°C -40 to +85°C Other values	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Circuit condition:	12pF 16pF 18pF 20pF 30pF Other values	<input type="checkbox"/>	<input type="checkbox"/>
Oscillation mode:	Fundamental 3rd overtone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Equivalent series resistance (max):	3000Ω (1.0MHz) 200Ω (>3.2 ~ 3.5MHz) 150Ω (>3.5 ~ 4.0MHz) 120Ω (>4.0 ~ 4.4MHz) 100Ω (>4.4 ~ 7.0MHz) 70Ω (>7.0 ~ 10.0MHz) 50Ω (>10.0 ~ 50.0MHz, fund) 100Ω (>25.0 ~ 90.0MHz, 3rd OT)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Static capacitance (C <sub>0</sub> ):	7pF max	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ageing:	±3ppm max first year	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Test drive level:	100µW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

■ Standard. □ Optional - Please specify required code(s) when ordering

## Ordering Information

Product name + frequency + specification code

eg: **HC49-4H/351DF 18.4320MHz** 30/50/10/16-F

**HC49-3H/232S3 48.0MHz** 20/30/20/S-3

- ◆ Insulating washers and mounting clips available. See our website for details.
- ◆ Available on T&R - 1k pcs per reel.
- ◆ Centre ground lead available on request.
- ◆ Refer to our website for T&R and soldering details.
- ◆ IMPORTANT: Not normally available in small quantities of non-standard frequencies. Please check with us before ordering.