



## Features

- ▶ Ideal for custom specifications
- ▶ Fundamental mode available up to 40.0MHz
- ▶ Custom frequencies easily produced
- ▶ Tight specifications available
- ▶ Wide frequency range available
- ▶ Low cost for volume applications
- ▶ Express manufacturing service

## Specifications

Parameters	Product	Option Code
	HC49J	
Package:	Resistance weld	<input checked="" type="checkbox"/>
Frequency range:	1.80 ~ 160MHz	<input checked="" type="checkbox"/>
Calibration tolerance:	±5ppm <input type="checkbox"/> ±10ppm <input type="checkbox"/> ±20ppm <input type="checkbox"/> ±30ppm <input checked="" type="checkbox"/> ±50ppm <input type="checkbox"/> Other values (±3ppm ~ ±100ppm) <input type="checkbox"/>	L 1 2 3 5 specify
Temperature stability:	±5ppm <input type="checkbox"/> ±10ppm <input type="checkbox"/> ±20ppm <input type="checkbox"/> ±30ppm <input type="checkbox"/> ±50ppm <input checked="" type="checkbox"/> ±100ppm <input type="checkbox"/> Other values (±3ppm ~ ±100ppm) <input type="checkbox"/>	L 1 2 3 5 C specify
Operating temperature range:	0 to +50°C <input type="checkbox"/> -10 to +60°C <input checked="" type="checkbox"/> -20 to +70°C <input type="checkbox"/> -30 to +80°C <input type="checkbox"/> -40 to +85°C <input type="checkbox"/> Other values <input type="checkbox"/>	0 1 2 3 4 specify
Circuit condition:	12pF <input type="checkbox"/> 16pF <input type="checkbox"/> 18pF <input type="checkbox"/> 20pF <input type="checkbox"/> 30pF <input type="checkbox"/> Series resonant <input type="checkbox"/> Other values <input type="checkbox"/>	B D E F J S specify
Oscillation mode:	Fundamental <input type="checkbox"/> 3rd overtone <input type="checkbox"/> 5th overtone <input type="checkbox"/>	F 3 5
Equivalent series resistance (max):	800Ω (1.80 ~ 2.0MHz) <input checked="" type="checkbox"/> 500Ω (>2.0 ~ 2.4MHz) <input checked="" type="checkbox"/> 300Ω (>2.4 ~ 3.0MHz) <input checked="" type="checkbox"/> 150Ω (>3.0 ~ 3.5MHz) <input checked="" type="checkbox"/> 120Ω (>3.5 ~ 4.0MHz) <input checked="" type="checkbox"/> 100Ω (>4.0 ~ 4.4MHz) <input checked="" type="checkbox"/> 80Ω (>4.4 ~ 6.0MHz) <input checked="" type="checkbox"/> 50Ω (>6.0 ~ 9.0MHz) <input checked="" type="checkbox"/> 30Ω (>9.0 ~ 36.0MHz) <input checked="" type="checkbox"/> 40Ω (25.0 ~ 90.0MHz, 3rd OT) <input checked="" type="checkbox"/> 70Ω (60.0 ~ 160MHz, 5th OT) <input checked="" type="checkbox"/>	
Static capacitance (C <sub>0</sub> ):	7pF max	<input checked="" type="checkbox"/>
Ageing:	±3ppm max first year	<input checked="" type="checkbox"/>
Test drive level:	100μW	<input checked="" type="checkbox"/>

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

## Ordering Information

Product name + frequency + specification code

eg: **HC49J/351DF 16.1760MHz** 30/50/10/16-F

**HC49J/232S3 48.0MHz** 20/30/20/S-3

- ◆ Available on T&R - 700 pcs per reel.
- ◆ Refer to our website for T&R and soldering details.