



Features

- ▶ Industry standard HC49 case
- ▶ Fundamental mode available up to 40.0MHz
- ▶ Comprehensive stock of standard frequencies
- ▶ Low cost for volume applications
- ▶ Custom frequencies available
- ▶ Tight specifications available
- ▶ Wide frequency range available

Specifications

Parameters	Product	Option Code
	HC49	
Package:	Resistance weld	<input checked="" type="checkbox"/>
Frequency range:	1.0 ~ 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):	3000Ω (1.0MHz) <input checked="" type="checkbox"/> 700Ω (1.8 ~ 2.0MHz) <input checked="" type="checkbox"/> 500Ω (>2.0 ~ 2.4MHz) <input checked="" type="checkbox"/> 300Ω (>2.4 ~ 3.0MHz) <input checked="" type="checkbox"/> 200Ω (>3.0 ~ 3.2MHz) <input checked="" type="checkbox"/> 150Ω (>3.2 ~ 3.7MHz) <input checked="" type="checkbox"/> 100Ω (>3.7 ~ 4.2MHz) <input checked="" type="checkbox"/> 80Ω (>4.2 ~ 6.0MHz) <input checked="" type="checkbox"/> 50Ω (>6.0 ~ 9.0MHz) <input checked="" type="checkbox"/> 30Ω (>9.0 ~ 36.0MHz) <input checked="" type="checkbox"/> 60Ω (24.0 ~ 90.0MHz, 3rd OT) <input checked="" type="checkbox"/> 80Ω (80.0 ~ 160MHz, 5th OT) <input checked="" type="checkbox"/>	
Static capacitance (C ₀):	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 + option codes + frequency
 eg: **HC49/351DF 16.1760MHz** 30/50/10/16-F
HC49/232S3 48.0MHz 20/30/20/S-3

- ◆ Insulating washers and mounting clips available. See our website for details.
- ◆ Centre ground lead available on request.