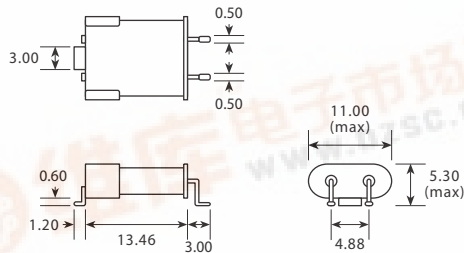
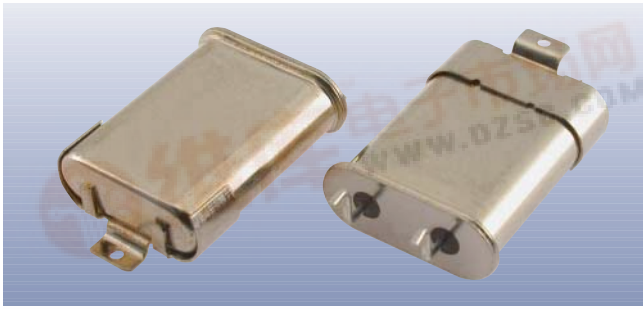
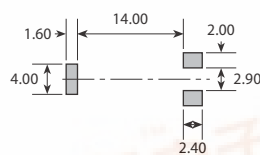


SM Crystal Formed Leads

HC49J 

SOLDER PAD LAYOUT



Scale 1:1

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 HC49J	Option Code
Package: Resistance weld	■	
Frequency range: 1.80 ~ 160MHz	■	
Calibration tolerance: ±5ppm ±10ppm ±20ppm ±30ppm ±50ppm Other values (±3ppm ~ ±100ppm)	☐ ☐ ☐ ☒ ☐ ☐	L 1 2 3 5 specify
Temperature stability: ±5ppm ±10ppm ±20ppm ±30ppm ±50ppm ±100ppm Other values (±3ppm ~ ±100ppm)	☐ ☐ ☐ ☐ ☒ ☐ ☐	L 1 2 3 5 C specify
Operating temperature range: 0 to +50°C -10 to +60°C -20 to +70°C -30 to +80°C -40 to +85°C Other values	☐ ☒ ☐ ☐ ☐ ☐	0 1 2 3 4 specify
Circuit condition: 12pF 16pF 18pF 20pF 30pF Series resonant Other values	☐ ☐ ☐ ☐ ☐ ☐ ☐	B D E F J S specify
Oscillation mode: Fundamental 3rd overtone 5th overtone	☐ ☐ ☐	F 3 5
Equivalent series resistance (max): 800Ω (1.80 ~ 2.0MHz) 500Ω (>2.0 ~ 2.4MHz) 300Ω (>2.4 ~ 3.0MHz) 150Ω (>3.0 ~ 3.5MHz) 120Ω (>3.5 ~ 4.0MHz) 100Ω (>4.0 ~ 4.4MHz) 80Ω (>4.4 ~ 6.0MHz) 50Ω (>6.0 ~ 9.0MHz) 30Ω (>9.0 ~ 36.0MHz) 40Ω (25.0 ~ 90.0MHz, 3rd OT) 70Ω (60.0 ~ 160MHz, 5th OT)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	
Static capacitance (C₀): 7pF max	■	
Ageing: ±3ppm max first year	■	
Test drive level: 100μW	■	

■ 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.