RESISTANCE WELD LOW PROFILE CRYSTAL
MODEL: HC49SPX



FEATURES
- Low Cost
- Fundamental to 50 MHz
- Tape and Reel (1,000 pcs. STD)

OPTIONS
- Tolerances to < 10 PPM
- Stabilities to < 5 PPM
- Temperatures to -40ºC ~ +85ºC

DISCONTINUED

Quote it!

• PART NUMBER SELECTION
Learn More - Internet Required

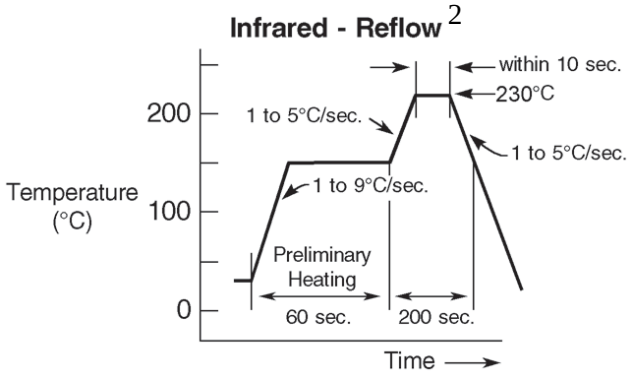
Part Number	Model Number	Frequency Stability	Operating Temperature	Frequency Range (MHz)
448-Frequency-xxxxx	HC49SPX	±50 PPM	-20 ~ +70 ºC	3.200 ~ 70.000

• STANDARD SPECIFICATIONS[1]

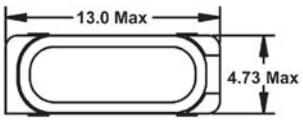
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	3.200 ~ 70.000 MHz
Frequency Tolerance[2] @ 25ºC	±50 PPM
Frequency Stability, ref @ 25ºC Over Operating Temp Range	±50 PPM
Temperature Range	
Operating (TOPR)	-20ºC ~ +70ºC
Storage (TSTG)	-40ºC ~ +85ºC
Shunt Capacitance (Co)	7.0 pF
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)
Drive Level	0.5 mW
Aging @ 25ºC; per year	±5 PPM

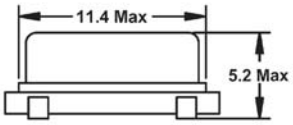
[1] Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.
[2] Lead free solder reflow profile is not recommended for the HC49SPX
All specifications subject to change without notice. *Rev. 4/04/05*

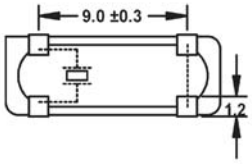
Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.200 ~ 3.500	Fundamental	300
3.500+ ~ 4.000	Fundamental	200
4.000+ ~ 5.000	Fundamental	150
5.000+ ~ 6.000	Fundamental	120
6.000+ ~ 7.000	Fundamental	100
7.000+ ~ 9.000	Fundamental	80
9.000+ ~ 13.000	Fundamental	60
13.000+ ~ 20.000	Fundamental	40
20.000+ ~ 50.000	Fundamental	30
27.000 ~ 70.000	3rd OT	100



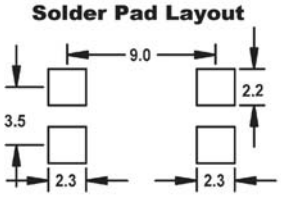
Learn more about:
Part Marking Identification
Tape and Reel Specification
Internet required







Recommended Solder Pad Layout



All dimensions are in millimeters.

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