

SMD Resistance Weld Crystal



Model: HC49SSDLF

RoHS Compliant / Pb Free

Rev. 1/11/2012

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FEATURES

- Stock Standard
- Fundamental to 40 MHz
- Tape and Reel(1,000 pcs. STD)

OPTIONS

- Tolerances to < 10 PPM
- Stabilities to < 5 PPM
- Temperatures to -40°C ~ +105°C

PART NUMBER		
Part Number	Model Number	Frequency Range (MHz)
280LF-Frequency-xxxxx	HC49SSDLF	4.000 ~ 70.000

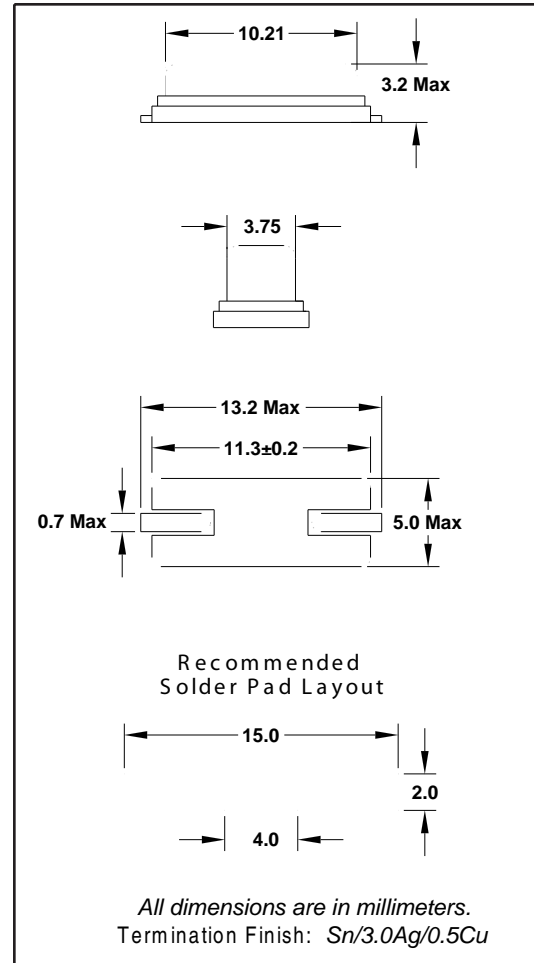
STANDARD SPECIFICATIONS		
PARAMETERS	MAX (unless otherwise noted)	
Frequency Range	4.000 ~ 70.000 MHz	
Frequency Tolerance: @ 25°C	±50 PPM ^{1,2}	
Frequency Stability, ref @ 25°C Over Operating Temp Range	±50 PPM ¹	
Temperature Range		
Operating (TOPR)	-20°C ~ +70°C ¹	
Storage (TSTG)	-40°C ~ +85°C	
Shunt Capacitance (Co)	7pF	
Load Capacitance (CL)	10 pF ~ Series (Customer Specified)	
Drive Level	0.5 mW	
Aging per year	±5 PPM	
Maximum Soldering Temp / Time	260°C / 10 Seconds	
Moisture Sensitivity Level (MSL)	1	

¹ Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements.

² Crystal has a ±30ppm tolerance specification for all standard part numbers. These part numbers are listed in the Fox catalog on the Standard Crystal table.

All specifications subject to change without notice.

Frequency Range (MHz)	Operating Mode	Max ESR Ω
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+ ~ 40.000	Fundamental	30
30.000+ ~ 70.000	3rd OT	100



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• TAPE SPECIFICATIONS(millimeters)						
MODEL	A	B	C	D	E	Reel QTY
HC49SSDLF	∅1.5	4.0	12.0	11.5	24.0	1,000

• REEL SPECIFICATIONS(millimeters)							
MODEL	G	H	I	J	K	L	M
HC49SSDLF	2.0	∅13	∅21	∅80	∅330	25.5	2.0

