SMD Resistance Weld Crystal

Model: HC49SSDLF **RoHS Compliant / Pb Free** **Rev. 2/7/2007**

http://www.foxonline.com/need_a_sample.htm

Need a Sample

FEATURES

- Stock Standard
- Fundamental to 50 MHz
- Tape and Reel (1,000 pcs. STD)

OPTIONS

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

• PART NUMBER Learn More - Internet Required

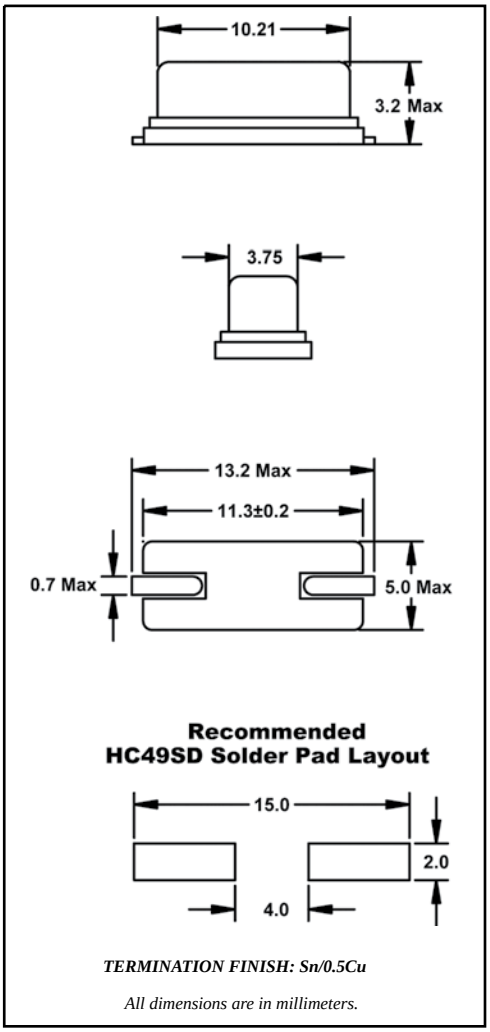
Part Number	Model Number	Frequency Range (MHz)
280LF-Frequency-xxxxx	**HC49SSDLF**	6.000 ~ 70.000

• STANDARD SPECIFICATIONS[1]

PARAMETERS	MAX (unless otherwise noted)
Frequency Range	6.000 ~ 70.000 MHz
Frequency Tolerance[2] @ 25ºC	±50 PPM [1,2]
Frequency Stability, ref @ 25ºC Over Operating Temp Range	±50 PPM [1]
Temperature Range Operating (TOPR) Storage (TSTG)	 -20ºC ~ +70ºC [1] -40ºC ~ +85ºC
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	260ºC / 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.

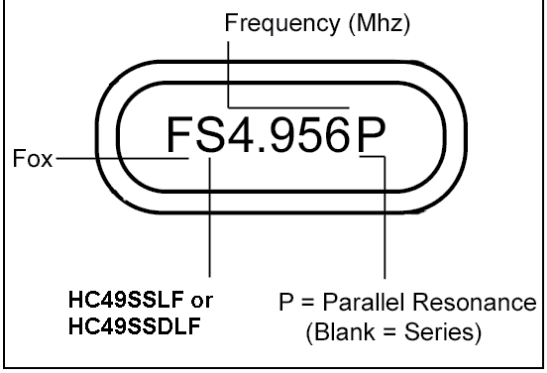
Frequency Range (MHz)	Operating Mode	Max ESR Ω
6.000 ~ 7.000	Fundamental	100
7.000+ ~ 9.000	Fundamental	80
9.000+ ~ 13.000	Fundamental	60
13.000+ ~ 20.000	Fundamental	40
20.000+ ~ 50.000	Fundamental	30
27.000 ~ 70.000	3rd OT	100



TERMINATION FINISH: Sn/0.5Cu

All dimensions are in millimeters.

HC49SSLF/HC49SSDLF Marking Format



FOXElectronics 5570 Enterprise Parkway Fort Myers, Florida 33905 USA +1.239.693.0099 FAX +1.239.693.1554 http://www.foxonline.com
EMEA Tel/Fax: +44 .1767.312632 | **Asia** Hong Kong Tel: +852.2854.4285 Fax +852.2854.4282 | **Taiwan** Tel: +886.2.22073427 Fax +886.2.22073486 | **Japan** Tel: +81.3.3374/2079 Fax: +81.3.3374.5221

© 2007 FOX ELECTRONICS | ISO9001:2000 Certified

SMD Resistance Weld Crystal

Model: HC49SSDLF **RoHS Compliant / Pb Free** **Rev. 2/7/2007**

http://www.foxonline.com/need_a_sample.htm

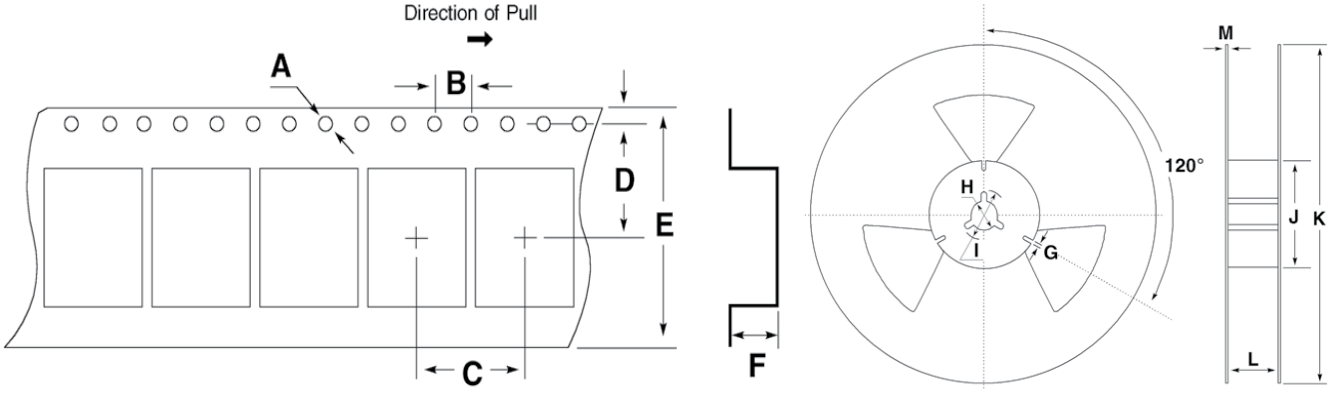
Need a Sample

• TAPE SPECIFICATIONS (millimeters)

MODEL	A	B	C	D	E	F	Reel QTY
HC49SSDLF	∅1.5	4.0	12.0	11.5	24.0	3.5	1,000

• REEL SPECIFICATIONS (millimeters)

MODEL	G	H	I	J	K	L	M
HC49SSDLF	2.0	∅13	∅21	∅80	∅330	25.5	2.0



© 2007 FOX ELECTRONICS | ISO9001:2000 Certified