

FOX PART NUMBER: 278LF-25-336

Resistance Weld SMD Crystal



Model: HC49SDLF Series

RoHS / REACH Compliant / Pb Free

Rev. 12/10/2014

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Need a
Sample®

For Use with:

IDT'S VCXO-BASED SYNCHRONIZATION PLLS

• FOX PART NUMBER: 278LF-25-336

Part Number	Model Number	Frequency
278LF-25-336	HC49DSL	25.000 MHz

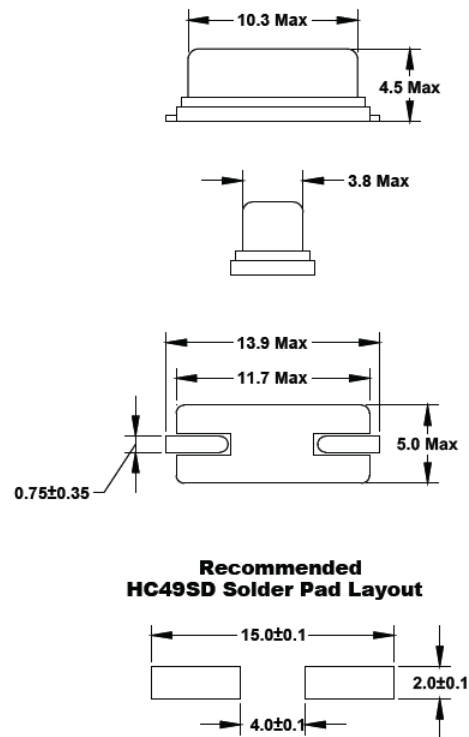
• STANDARD SPECIFICATIONS

PARAMETERS	MAX (unless otherwise noted)
Frequency	25.000 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±20 PPM
Frequency Stability, ref @ 25°C Over Operating Temp Range	±20 PPM
Temperature Range	
Operating (TOPR)	-40°C ~ +85°C
Storage (TSTG)	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	40 Ohms
Shunt Capacitance (Co) Absolute Max	4.0 pF
Pullability (C0 / C1)	270
Load Capacitance (CL)	10 pF
Drive Level	1.0 mW
Aging per year	±3 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds
Termination Finish (96.5%-3%-0.5%)	Sn-Ag-Cu
Moisture Sensitivity Level (MSL)	1
Weight (TYP)	649 mg

Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary.

The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies. All specifications subject to change without notice.

B. Mechanical / Dimensions (millimeters):

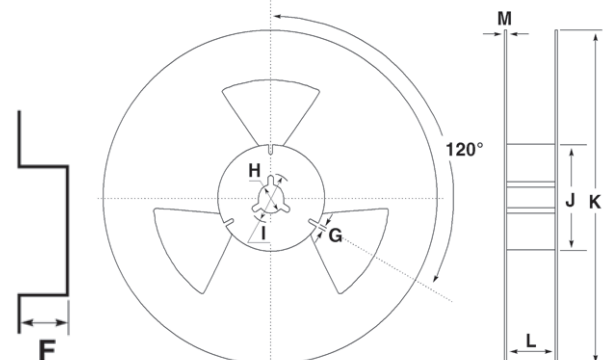
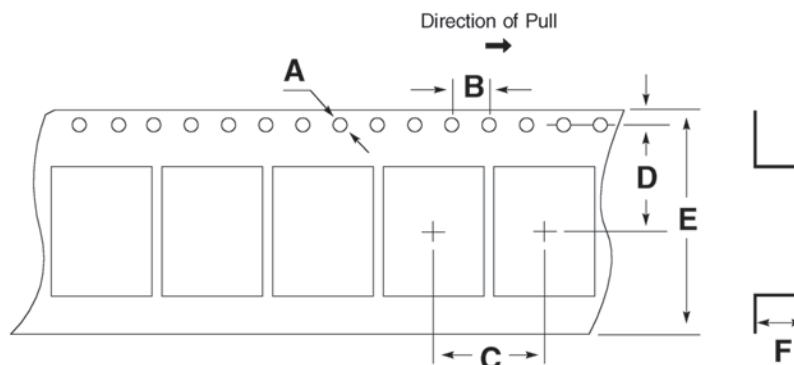


• TAPE SPECIFICATIONS (millimeters)

MODEL	A	B	C	D	E	F	STD Reel QTY
HC49SDLF	Ø1.5	4.0	12.0	11.5	24.0	4.8	1,000

• REEL SPECIFICATIONS (millimeters)

MODEL	G	H	I	J	K	L	M
HC49SDLF	2.0	Ø13	Ø21	Ø80	Ø330	25.5	2.0



Mouser Electronics

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