

# Distributor Stocking Part

# Fox Part Number: FOXSDLF/120R-20

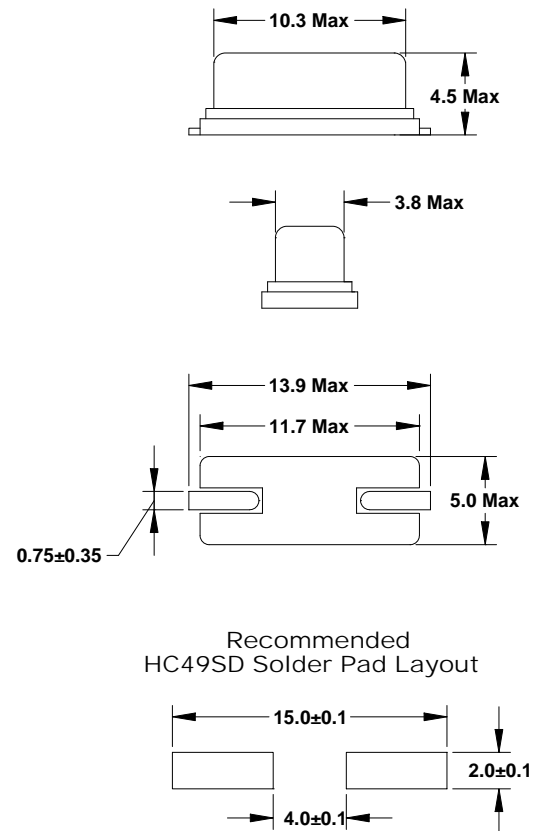


**LEAD-FREE, RESISTANCE WELD, SMD, CRYSTAL**  
**MODEL: HC49SDLF Series** ( please use FOXSDLF/120R-20/TR for full, 1k, reels )  
 RoHS / REACH Compliant / Pb Free

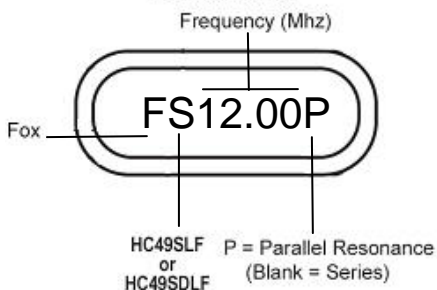
### A. Specifications

Parameters	
Frequency	12.000 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±30 PPM Max
Frequency Stability, ref @ 25°C Over Operating Temp. Range	±50 PPM Max
Temperature Range	
Operating (T <sub>OPR</sub> )	-40°C ~ +85°C
Storage (T <sub>STG</sub> )	-40°C ~ +125°C
Equivalent Series Resistance (ESR)	60 Ohms Max
Shunt Capacitance (C <sub>0</sub> ) Absolute Maximum	7.0 pF
Load Capacitance (C <sub>L</sub> )	20 pF
Drive Level	0.1 mW Max
Aging per year	±3 PPM Max
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

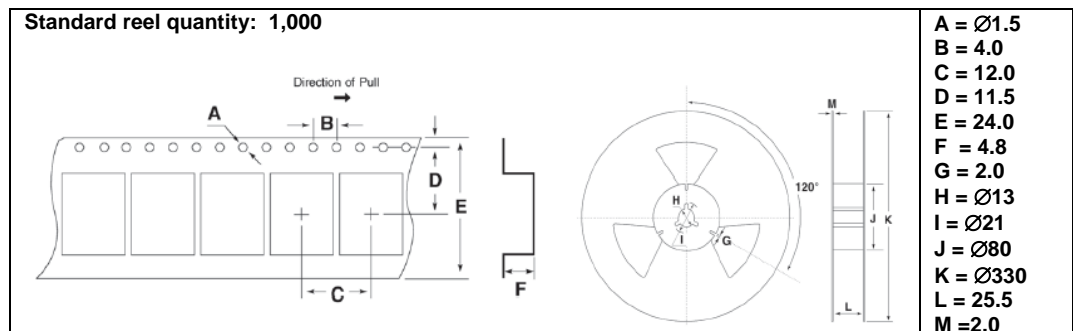
### B. Mechanical / Dimensions (millimeters):



#### Marking Format



### Tape and Reel Specification (mm)



**NOTE:** 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.

Reference / Comments	Title / Description: Product Specifications		
Initial release	<b>Drawing Number:</b> DOC101002	<b>Rev:</b> 1	<b>Size:</b> A
	<b>Part Number:</b> FOXSDLF/120R-20		<b>Cage:</b> 61429
	<b>Draftsperson:</b> AR	<b>Approved:</b> GB	<b>Date:</b> 05-20-2014