



SMD 2.0 x 1.2 Tuning Fork

Model: K122 Former FX122 Series

RoHS Compliant / Pb Free

Rev. 07/13/2018

Page 1 of 2

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

Need a
Sample®

FEATURES

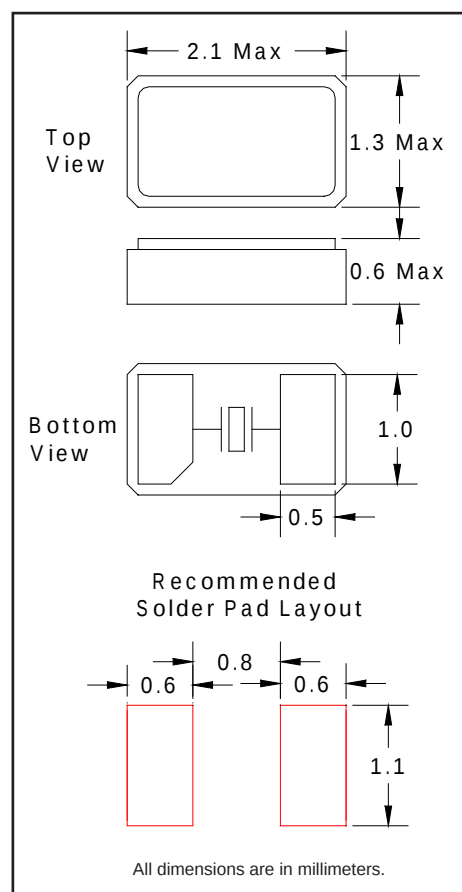
- Ultra Low Profile
- 0.6mm Height
- Long Term Stability
- Tape and Reel (3,000 pcs. STD)

• PART NUMBER SELECTION

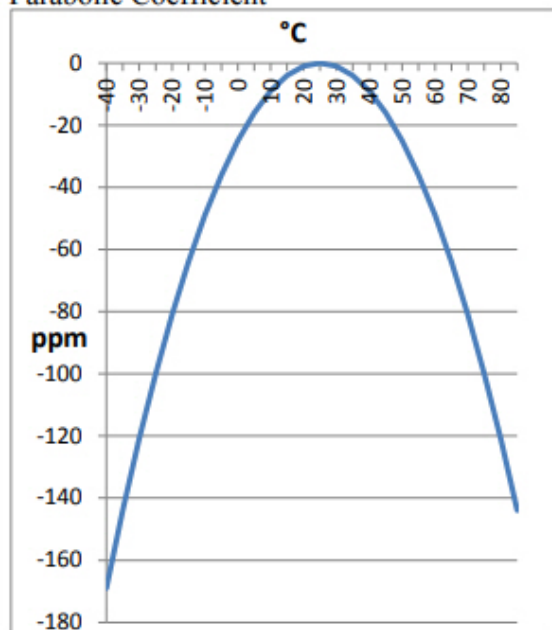
See available stabilities and operating temperatures in table on page 2.

• STANDARD SPECIFICATIONS

PARAMETERS	MAX (unless otherwise noted)
Frequency	32.768 kHz
Frequency Tolerance @ 25°C	See options on page 2
Frequency Stability Temperature Coefficient	-0.04 PPM / (Δ°C) ²
Temperature Range	
Turnover (T _O)	+20°C ~ +30°C
Operating (T _{OPR})	-40°C ~ +85°C
Storage (T _{STG})	-55°C ~ +125°C
Equivalent Series Resistance (R _S)	90 kΩ
Load Capacitance (C _L)	See options on page 2
Insulation Resistance @ 100VDC	500MΩ Min
Drive Level	0.5μW
Aging per year	±3 PPM
Reflow Soldering Temperature	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish	Au (over Ni)



Parabolic Coefficient



* Dimensional drawing is for reference to critical specifications defined by size measurements.
Certain non-critical visual attributes, such as side castellations, reference pin shape, etc. may vary.
All specifications subject to change without notice.

SMD 2.0 x 1.2 Tuning Fork



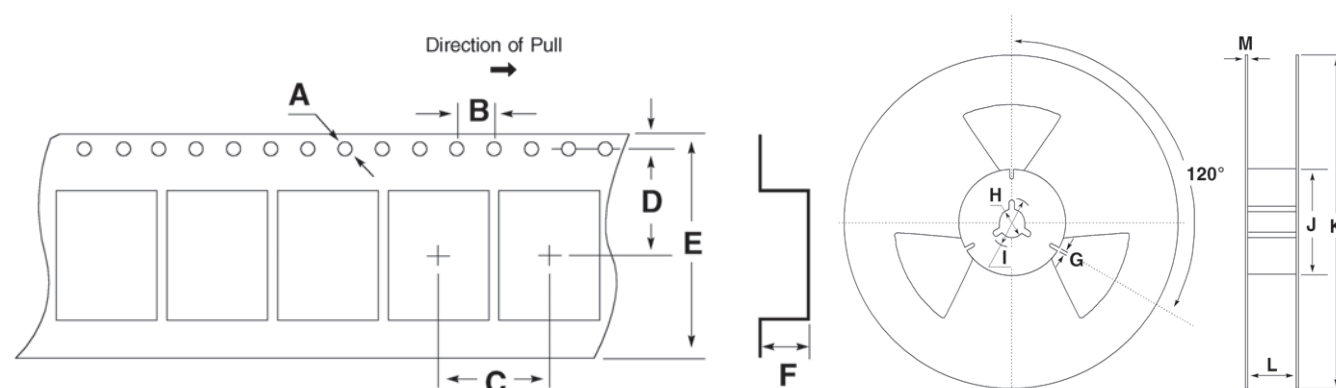
Model: K122 Former FX122 Series **RoHS Compliant / Pb Free** **Rev. 07/13/2018**

Page 2 of 2

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



• TAPE SPECIFICATIONS (millimeters)								• REEL SPECIFICATIONS (millimeters)							
MODEL	A	B	C	D	E	F	STD Reel QTY	MODEL	G	H	I	J	K	L	M
K122	Ø1.5	4.0	4.0	3.5	8.0	0.8	3,000	K122	2.0	Ø13	Ø21	Ø60	Ø180	9.0	2.0



Available Options & Part Identification for SMD Tuning Fork Crystal K122						
<u>F</u> <u>K122</u> <u>E</u> <u>I</u> <u>H</u> <u>M</u> <u>0.032768</u>						
F	K122	E	I	H	M	0.032768
<u>FOX</u>	<u>Model Number</u>	<u>Tolerance</u> E=20ppm	<u>Stability</u> I = -0.04 PPM / (Δ°C)	<u>Load Capacitance</u> H=12.5pF V=7pF	<u>Operating Temperature</u> M = -40 ~ +85 °C	<u>Frequency (MHz)</u>