SMD Tuning Fork

Model: FSXLF **RoHS Compliant / PB Free** **Rev. 5/9/2016**

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

Need a Sample®

FEATURES

- Extremely Small Size
- Low Cost
- 1.4mm Height Max
- Tape and Reel (3,000 pcs. STD)

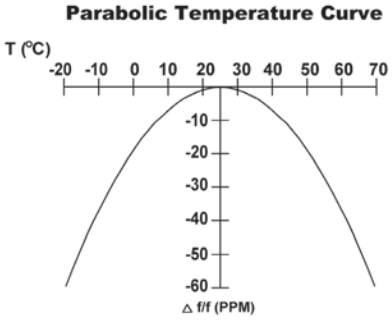
• PART NUMBER

Part Number	Model Number	Frequency Stability	Operating Temperature	Frequency
501LF-Frequency-xxxxx	**FSXLF**	-0.04PPM/(ΔºC)²	-40 ~ +85 ºC	32.768 kHz

• STANDARD SPECIFICATIONS

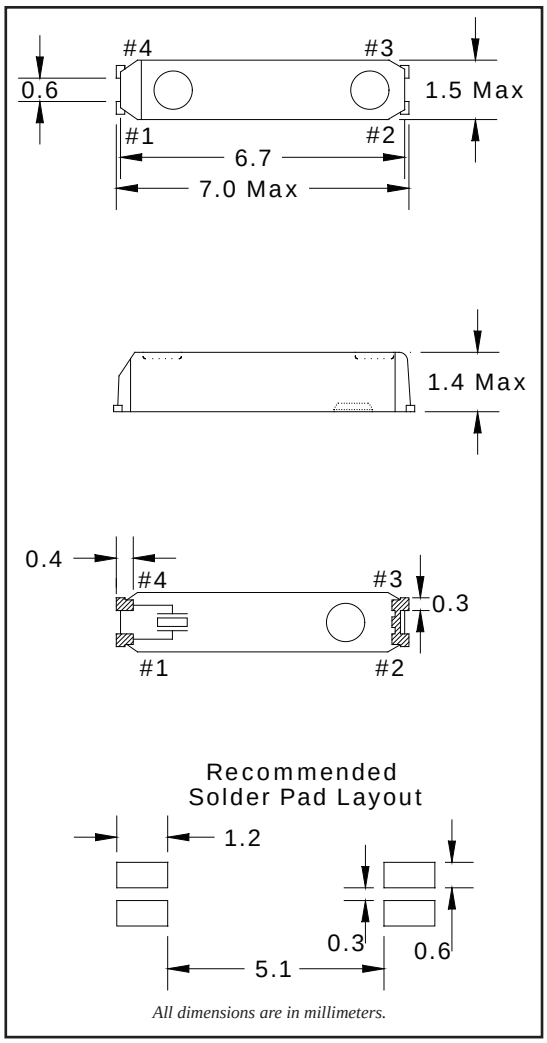
PARAMETERS	MAX (unless otherwise noted)
Frequency Range	32.768 kHz
Frequency Tolerance @ 25ºC	±20 PPM
Frequency Stability, ref @ 25ºC	-0.04PPM/(ΔºC)²
Temperature Range	
Turnover (TO)	+20ºC ~ +30ºC
Operating (TOPR)	-40ºC ~ +85ºC
Storage (TSTG)	-55ºC ~ +125ºC
Equivalent Series Resistance	65 kΩ
Load Capacitance (CL)	7 pF, 12.5pF Typ
Insulation Resistance @ 100VDC	500 MΩ Min
Drive Level	1.0 µW
Aging	±3 PPM
Termination Finish	Matte Sn

All specifications subject to change without notice.



To determine frequency stability, use parabolic curvature (K).
For example: What is stability at 45°C?

1) Change in T (°C) = 45-25 = 20°C
2) Change in frequency = -0.04 PPM * (Δ C)²
= -0.04 PPM * (20)²
= -16.0 PPM



All dimensions are in millimeters.

Note: Pins #2 and #3 should be electrically unconnected (open).

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• TAPE SPECIFICATIONS (millimeters)

MODEL	A	B	C	D	E	F	STD Reel QTY
FSXLF	∅1.5	4.0	4.0	7.5	16.0	1.6	3,000

• REEL SPECIFICATIONS (millimeters)

MODEL	G	H	I	J	K	L	M
FSXLF	2.2	∅13	∅21	∅50	∅180	17.0	2.2