



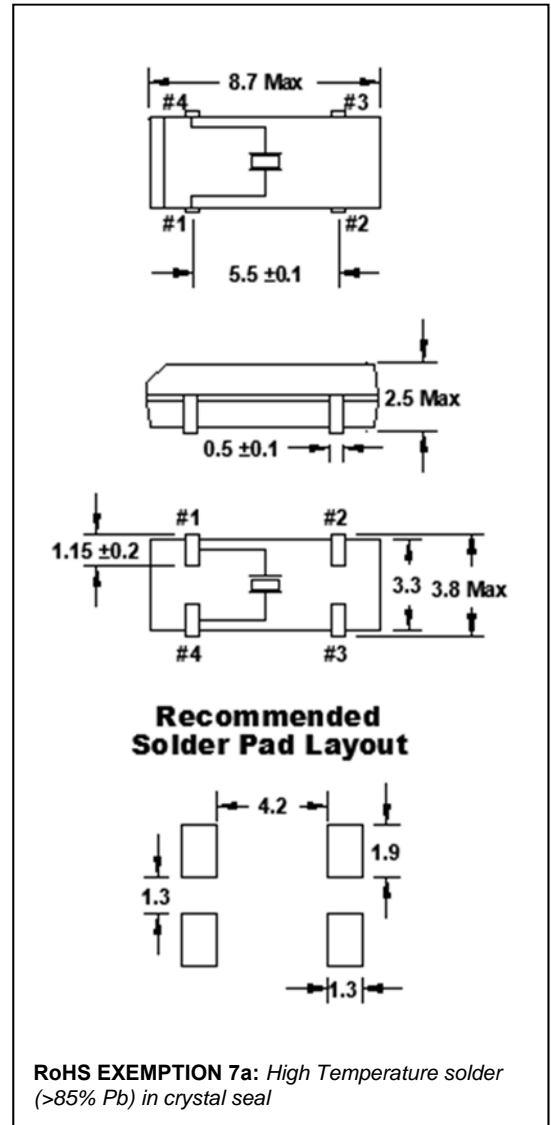
# THE DATASHEET OF FSRLF327



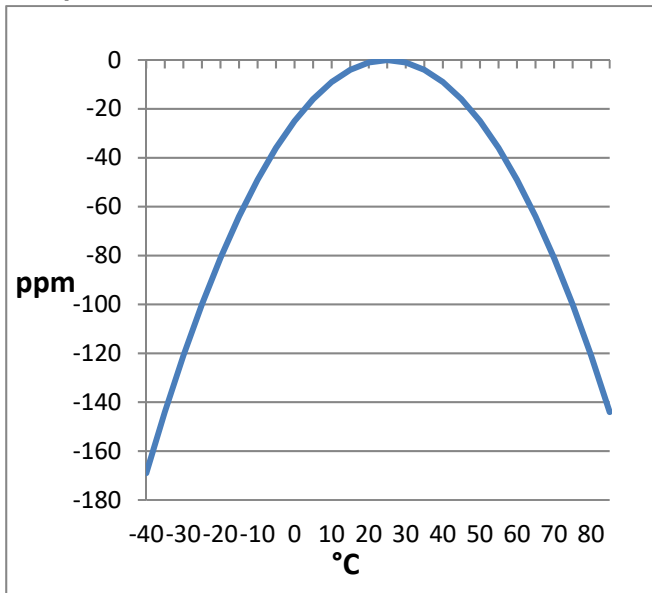


STANDARD SPECIFICATIONS	
PARAMETERS	MAX (unless otherwise noted)
Frequency	32.768 kHz
Frequency Tolerance @ 25°C	(See options on page 2)
Frequency Stability (Temperature Coefficient)	-0.04 PPM / (Δ°C) <sup>2</sup>
Temperature Range	
Turnover (T <sub>O</sub> )	+20°C ~ +30°C
Operating (T <sub>OPR</sub> )	-40°C ~ +85°C
Storage (T <sub>STG</sub> )	-55°C ~ +125°C
Equivalent Series Resistance (R <sub>s</sub> )	50 kΩ
Load Capacitance (C <sub>L</sub> )	(See options on page 2)
Insulation Resistance @ 100VDC	500 MΩ Min
Drive Level	1.0 μW
Aging per year	±3 PPM
Maximum Soldering Temp / Time	260°C / 10 Seconds x2
Moisture Sensitivity Level (MSL)	1
Termination Finish	Matte Sn
Lead (Pb) Free	Exempt
RoHS/Reach Compliant	Yes

### Mechanical / Dimensions (millimeters):



### Temperature Coefficient



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.



<b>Title / Description:</b> KFSR STANDARD SPECIFICATIONS	
<b>Drawing Number:</b> KFSR-DOC-1	<b>Size:</b> A
<b>Part Number:</b>	<b>Cage:</b> 61429
<b>Draftsperson:</b> BEC	<b>Approved:</b> MAJ
	<b>Revision Date:</b> 7/10/2019



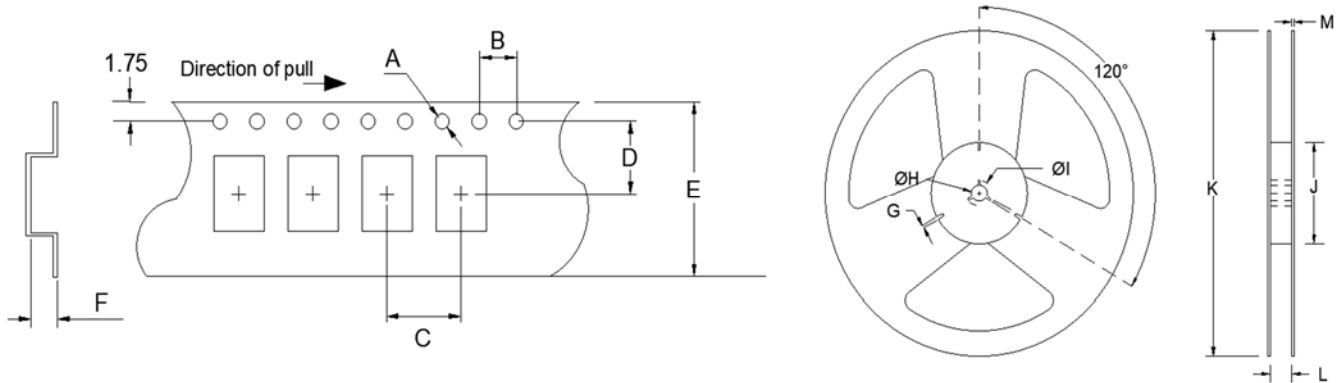
# 8.7x3.8mm SMD Tuning Fork Crystal

# KFSR

(former FSRLF)

## DATASHEET

• TAPE SPECIFICATIONS (millimeters)							• REEL SPECIFICATIONS (millimeters)						
A	B	C	D	E	F	Reel QTY	G	H	I	J	K	L	M
Ø1.55	4.0	8.0	7.5	16.0	2.7	T3 = 3,000	2.0	Ø13	Ø21	Ø50	Ø330	16.4	2.0



### Available Options & Part Identification for SMD Tuning Fork Crystal KFSR

**F KFSR E I H M 0.032768**

F	KFSR	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) <sup>2</sup>	<u>Load Capacitance</u> B=6pF H=12.5pF	<u>Operating Temperature</u> M = -40 ~ +85 °C	<u>Frequency (MHz)</u>



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	<b>Drawing Number:</b> KFSR-DOC-1		<b>Size:</b> A
	<b>Part Number:</b>		<b>Cage:</b> 61429
	<b>Draftsperson:</b> BEC	<b>Approved:</b> MAJ	<b>Revision Date:</b> 7/10/2019

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