## **Ceramic Automotive Grade SMD Tuning Fork**

Model: FXA135

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**RoHS Compliant / Pb Free / REACH Compliant** 

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Sample

## **FEATURES**

- · AEC-Q200 Qualified
- Ultra Low Profile
- 0.9mm Height
- · Long Term Stability
- Tape and Reel (3,000 pcs. STD)

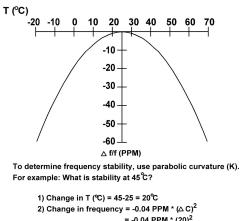
## • PART NUMBER

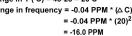
• PART NUMBER		
Part Number	Model Number	Frequency Range (MHz)
739A-Frequency-xxxxx	FXA135	32.768 kHz
STANDARD SPECIFICATIONS		
PARAMETERS		MAX (unless otherwise noted)
Frequency		32.768 kHz
Frequency Tolerance @ 25°C		±20 PPM
Frequency Stability, ref @ 25°C		
(Temperature Coefficient)		-0.04 PPM / (Δ°C) <sup>2</sup>
Temperature Range		
Turnover (TO)		$+20^{\circ}C \sim +30^{\circ}C$
Operating (TOPR)		-40°C ~ +125°C
Storage (TSTG)		-40°C ~ +125°C
Equivalent Series Resistance (RS)		80 kΩ
Load Capacitance (CL)		12.5pF (Standard)*
Insulation Resistance @ 100VDC		500 MΩ Min
Drive Level		0.5 μW
		0.1 μW Typ.
Aging per year		±3 PPM
Maximum Soldering Temp / Time		260°C / 10 Seconds
Moisture Sensitivity Level (MSL)		1
Termination Finish		Au over Ni

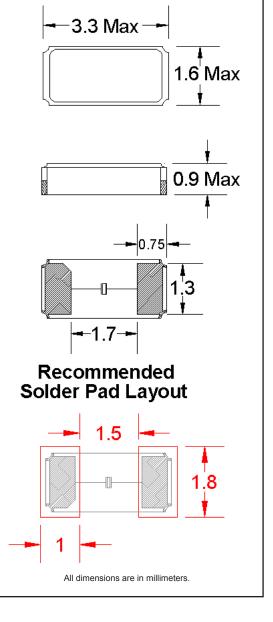
\*Other CLs available with conditions. Contact Fox Technical Support for specific requirements. Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary.

The above specifications, having been carefully prepared and checked, are believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.

**Parabolic Temperature Curve** 







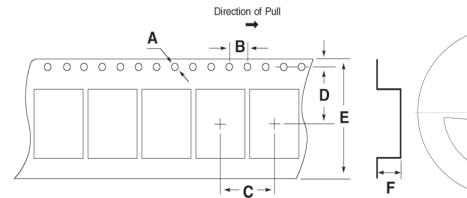
5570 Enterprise Parkway Fort Myers, Florida 33905 An Integrated Device Technology, Inc. company USA +1.239.693.0099 FAX +1.239.693.1554 FOXonline.com

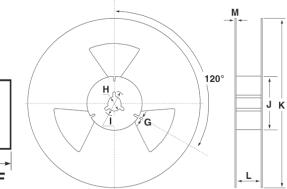
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