



# 3.3V ULTRA MINIATURE SMD HCMOS TCXO/VCTCXO MODEL: FOX924 SERIES



## FEATURES

- 3.3V Operation
- 1.5mm Height Max
- HCMOS Output
- Low Cost
- Tape and Reel (2,000 pcs. STD)

## OPTIONS

- Voltage Control (FOX924E)



## PRELIMINARY



### • PART NUMBER SELECTION [Learn More](#) - Internet Required

Part Number	Model Number	Frequency Stability	Operating Temperature(°C)	Frequency Range (MHz)
718-Frequency-xxxxx	FOX924B	See table	-40 ~ +85	10.000~30.000
719-Frequency-xxxxx	FOX924E	See table	-40 ~ +85	10.000~30.000

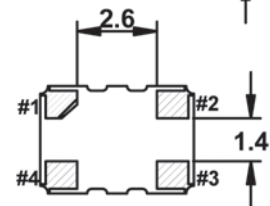
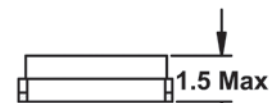
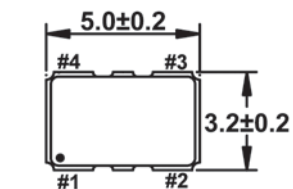
### • ELECTRICAL CHARACTERISTICS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	10.000 ~ 30.000 MHz
Temperature Range	
Operating (TOPR)	-40°C ~ +85°C
Storage (TSTG)	-40°C ~ +85°C
Supply Voltage (VDD)	3.3V ± 5%
Input Current (IDD)	5.0mA
Initial Frequency Tolerance @ 25°C (after 2 reflows)	±1.5PPM
Frequency Stability	
Over Temperature Range	±2.0PPM
Over Supply Voltage Change (3.3V ± 5%)	±0.3PPM
Output Voltage (HCMOS) (VOL)	10% VDD
(VOH)	90% VDD Min
Output Load	15pF
Aging per year	±1.0PPM
Startup Time (Ts)	5mS Max
Pullability (Vc = 1.65 ± 1.5V)	±5.0 ~ ±15.0 PPM

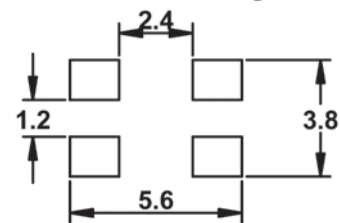
All specifications subject to change without notice. Rev. 9/7/04

Learn more about:  
[Part Marking Identification](#)  
[Tape and Reel Specification](#)

Internet required



### Recommended Solder Pad Layout



### Pin Connections

- #1 NC
- #2 GND
- #3 Output
- #4 VDD

All dimensions are in millimeters.