

# Fox Part Number: FT5HNBPK20.0

HCMOS, CERAMIC, 5.0 x 3.2mm, SMD, TCXO

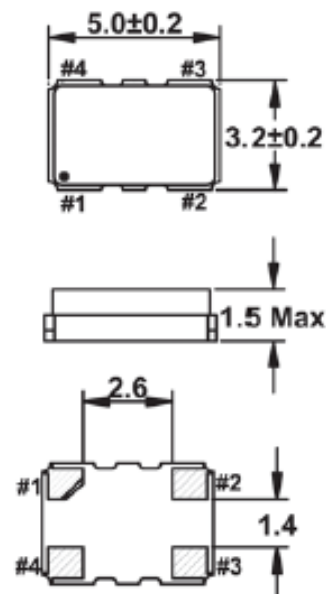
MODEL: T5HN (Formerly FOX924Series)

RoHS / REACH Compliant / Pb Free /

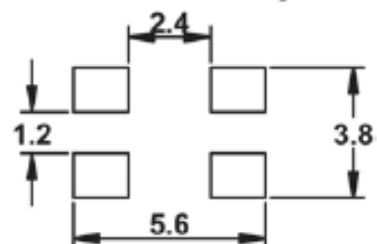
## A. Specifications

Parameter	
Frequency	20.000 MHz
Initial Frequency Tolerance (@25°C) (after 2 reflows)	±1.5 PPM Max
Frequency Stability	
Over Temperature Range	±2.5 PPM Max
Over Supply Voltage Change (3.3V±5%)	±0.3 PPM Max
Over Load Change (15pF ±10%)	±0.2 PPM Max
Temperature Range	
Operating (T <sub>OPR</sub> )	-30°C ~ +85°C
Storage (T <sub>STG</sub> )	-40°C ~ +85°C
Supply Voltage (V <sub>DD</sub> )	3.3V ±5%
Input Current (I <sub>DD</sub> )	6.0 mA Max
Output Voltage (HCMOS) (V <sub>OL</sub> ) (V <sub>OH</sub> )	0.5V Max 80% V <sub>DD</sub> Min
Output Load	15 pF Max
Aging per year @ 25°C	±1 PPM Max
Maximum Soldering Temp / Time (2 times)	260°C / 10 Seconds
Moisture Sensitivity Level (MSL)	1
Termination Finish:	Au
Weight (TYP)	62.69 mg

## B. Mechanical / Dimensions (mm)



### Recommended Solder Pad Layout



### Pin Connections

#1 V<sub>C</sub> #3 Output  
#2 GND #4 V<sub>DD</sub>

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

Reference / Comments	Title / Description: PRODUCT SPECIFICATIONS		
	Drawing Number: DWG-101354	Rev:	Size: A
	Part Number: FT5HNBPK20.0		Cage: 61429
	Draftsperson: AR	Approved: CR	Date: 10-16-2018

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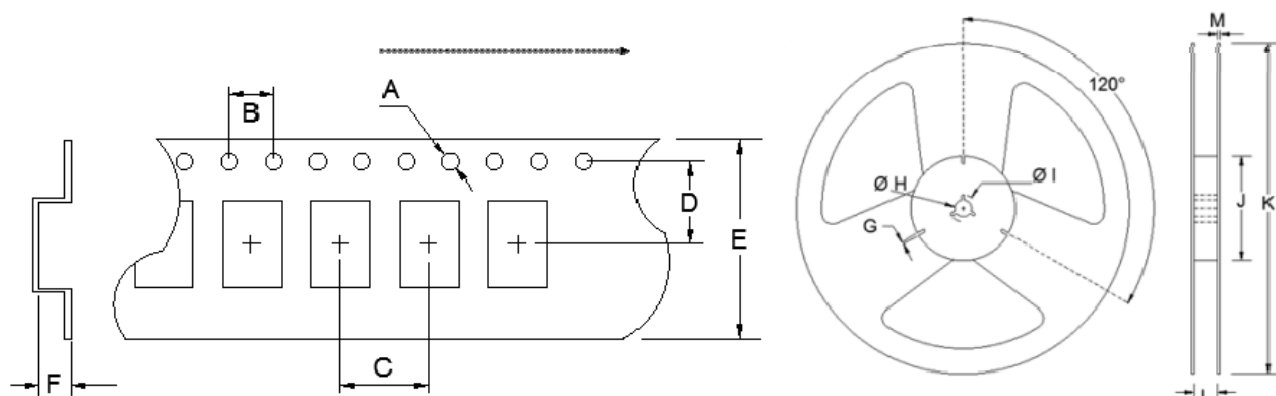
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## Tape & Reel Specification

### Tape Specifications (millimeters)

A	B	C	D	E	F	STD Reel QTY
Φ1.5	4.0	8.0	5.5	12.0	1.7	1,000



### Reel Specifications (millimeters)

G	H	I	J	K	L	M
2.0	Φ13	Φ21	Φ80	Φ254	13.5	2.0

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