

# FOX 5.0V TTL CLOCK OSCILLATOR MODEL: F1100E

## FEATURES

- 5.0V Operation
- TTL Output
- 14-Pin DIP



# DISCONTINUED



Quote it!

Learn more about:  
[Part Marking Identification](#)  
[Mechanical Specification](#)

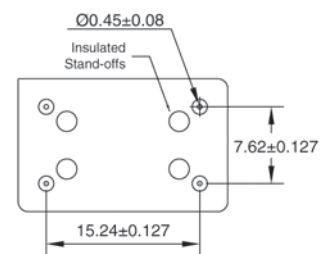
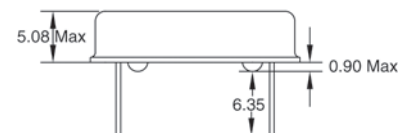
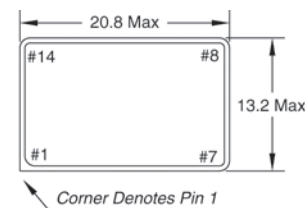
Internet required

• PART NUMBER SELECTION <a href="#">Learn More</a> - Internet Required				
Part Number	Model Number	Frequency Stability <sup>1</sup>	Operating Temperature (°C)	Frequency Range (MHz)
049-Frequency-xxxxx	F1100E	±100PPM(STD)	0 ~ +70	1.000 ~ 100.000
343-Frequency-xxxxx	F1100ER	±100PPM	-40 ~ +85	1.000 ~ 100.000
060-Frequency-xxxxx	F1145E	±50PPM	0 ~ +70	1.000 ~ 100.000
061-Frequency-xxxxx	F1145ER	±50PPM	-40 ~ +85	1.000 ~ 70.000
055-Frequency-xxxxx	F1144E	±25PPM	0 ~ +70	1.000 ~ 100.000
465-Frequency-xxxxx	F1144ER	±25PPM	-40 ~ +85	1.000 ~ 70.000

• ELECTRICAL CHARACTERISTICS	
PARAMETERS	MAX (unless otherwise noted)
Frequency Range (F <sub>o</sub> )	1.000 ~ 100.000 MHz
Storage Temperature Range (T <sub>STG</sub> )	-55°C ~ +125°C
Supply Voltage (V <sub>DD</sub> )	5.0V ± 10%
Input Current (I <sub>DD</sub> )	
1.000 ~ 8.000 MHz	15mA
8.000+ ~ 24.000 MHz	30mA
24.000+ ~ 70.000 MHz	70mA
70.000+ ~ 100.000 MHz	80mA
Output Symmetry (1.4V Level)	
1.000 ~ 8.000 MHz	45% ~ 55%
8.000+ ~ 100.000 MHz	40% ~ 60%
Rise Time (0.5V ~ 2.4V) (T <sub>R</sub> )	
1.000 ~ 25.000 MHz	10 nS
25.000+ ~ 70.000 MHz	5 nS
70.000+ ~ 100.000 MHz	4 nS
Fall Time (2.4V ~ 0.5V) (T <sub>F</sub> )	
1.000 ~ 25.000 MHz	10 nS
25.000+ ~ 70.000 MHz	5 nS
70.000+ ~ 100.000 MHz	4 nS
Output Voltage	
1.000 ~ 25.000 MHz (V <sub>OL</sub> )	0.4V
25.000+ ~ 100.000 MHz	0.5V
1.000 ~ 100.000 MHz (V <sub>OH</sub> )	2.4V Min
Output Current (I <sub>OL</sub> )	20mA Min
(I <sub>OH</sub> )	-1.0mA Min
Output Load	10TTL
Start-up Time (T <sub>S</sub> )	
1.000 ~ 3.500 MHz	20mS
3.500+ ~ 4.000 MHz	35mS
4.000+ ~ 6.000 MHz	30mS
6.000+ ~ 20.000 MHz	20mS
20.000+ ~ 100.000 MHz	15mS

<sup>1</sup> Inclusive of 25°C tolerance, operating temperature range, input voltage change, load change, aging, shock, and vibration.

All specifications subject to change without notice. Rev. 6/1/04



### Pin Connections

#1 N.C.                      #8 Output  
#7 GND (Case)          #14 +5Vdc

All dimensions are in millimeters.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard Clock Oscillators](#) category:*

*Click to view products by [Fox](#) manufacturer:*

Other Similar products are found below :

[EP1400SJTSC-125.000M](#) [601137](#) [601252](#) [CSX750FBC-24.000M-UT](#) [CSX750FBC-33.333M-UT](#) [CSX750FCC-3.6864M-UT](#) [F335-12](#) [F335-25](#) [F535L-50](#) [DSC506-03FM2](#) [ASA-20.000MHZ-L-T](#) [ASA-25.000MHZ-L-T](#) [ASA-27.000MHZ-L-T](#) [ASV-20.000MHZ-LR-T](#) [ECS-2018-160-BN-TR](#) [EL13C7-H2F-125.00M](#) [MXO45HS-2C-66.6666MHZ](#) [NBXDBB017LN1TAG](#) [NBXHBA019LN1TAG](#) [SiT1602BI-22-33E-50.000000E](#) [SIT8003AC-11-33S-2.04800X](#) [SiT8256AC-23-33E-156.250000X](#) [SIT8918AA-11-33S-50.000000G](#) [SM4420TEV-40.0M-T1K](#) [SMA4306-TL-H](#) [F335-24](#) [F335-40](#) [F335-50](#) [F535L-10](#) [F535L-12](#) [F535L-16](#) [F535L-24](#) [F535L-27](#) [F535L-48](#) [PE7744DW-100.0M](#) [CSX750FBC-20.000M-UT](#) [CSX-750FBC33333000T](#) [CSX750FBC-4.000M-UT](#) [CSX750FBC-7.3728M-UT](#) [CSX750FBC-8.000M-UT](#) [CSX-750FCC14745600T](#) [CSX750FCC-16.000M-UT](#) [CSX-750FCC40000000T](#) [CSX750FCC-4.000M-UT](#) [ASA-22.000MHZ-L-T](#) [ASA2-26.000MHZ-L-T](#) [ASA-40.000MHZ-L-T](#) [ASA-48.000MHZ-L-T](#) [ASA-60.000MHZ-L-T](#) [ASF1-3.686MHZ-N-K-S](#)