

# Half Size, HCMOS, Thru-Hole OCXO



Model: FHS501AH

Preliminary

Rev. 10/20/2006

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[http://www.foxonline.com/need\\_a\\_sample.htm](http://www.foxonline.com/need_a_sample.htm)



## FEATURES

- 8-Pin DIP
- 5.0V Operation
- HCMOS Output

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

Part Number	Model Number	Frequency Stability	Operating Temperature (°C)	Frequency Range (MHz)
802-Frequency-xxxxx	FHS501AH	±250 PPB	0 ~ +70	5.000 ~ 80.000

## • ELECTRICAL CHARACTERISTICS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	5.000 ~ 80.000 MHz
Temperature Range	
Operating (TOPR)	0°C ~ +70°C
Storage (TSTG)	-40°C ~ +85°C
Supply Voltage (VDD)	5V ±5%
Output Type	HCMOS
Pullability	±4 PPM Min
Control Voltage (Vc)	0.5V ~ 5.0V
Frequency vs. Temp	±250 PPB
Frequency vs. Voltage	±100 PPB
Holdover Aging (24 hours)	±20 PPB
Holdover Stability	±370 PPB
Load Stability	±10 PPB
Long Term Aging 1 <sup>st</sup> year	±0.75 PPM
Aging 10 years	±4.2 PPM
Overall Frequency Stability	±4.6 PPM*
Warm-up Time	2 Minutes**
Warm-up Power	1 Watt
Operating Power	0.5W @ 25°C
Phase Noise (@ 100Hz, 10KHz)	-115, -140 dBc/Hz

All specifications subject to change without notice.

\*Meets all requirements for Stratum III all effects for 10 years.

\*\*To within ±1 PPM relative to 30 minute reading.

