

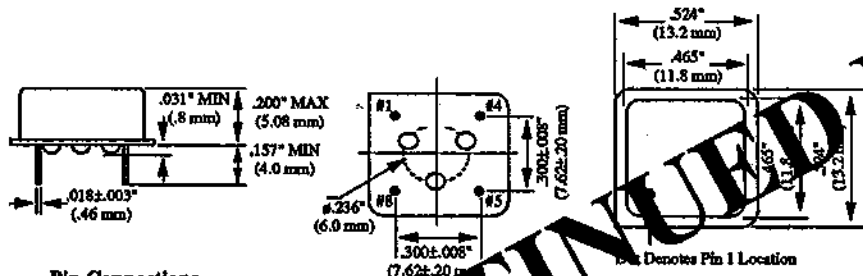
H5C-6 / HALF SIZE HCMOS GATE ENABLE/DISABLE



The FOX H5C-6 is a Hybrid Clock Oscillator which features a reduced size case which is perfect for applications where board space saving is critical.

The H5C-6 uses HCMOS circuitry which allows it to be used in low input current applications. Applying a logic '0' voltage level to pin 1 enables the oscillator output and a logic '1' applied to pin 1 disables the output.

The package is all metal with Pin 7 as case ground which provides shielding to help minimize EMI radiation.



Pin Connections

- #1 E/D
- #4 GND
- #5 Output
- #8 VDD

FEATURES

- Rugged Resistance Weld
- 8 Pin Dip
- Low Profile
- Low Power Consumption
- Superior Quality
- Thick Film Technology

H5C-6 SPECIFICATIONS

Frequency Range	1 MHz - 24 MHz
Frequency Stability*	±0.01%
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +125°C
Input Voltage (VDD)	5 VDC ±10%
Input Current	10 mA (MAX)
Symmetry @ 1/2 VDD	40/60% (MAX)
Rise/Fall Time (10% VDD to 90% VDD)	20 nS (MAX)
Logic '1' level	4.5 V (MIN)
Logic '0' level	0.5 V (MAX)
Start-up Time	15 mS (MAX)
Output Load	4 LS-TTL Gates
Enable	"0" or Open
Shock	1000 G's, 0.35 Millisec, 1/2 Sine Wave, 3 Shocks each plane
Vibration	10-55 Hz, 0.060" D.A., 55-2000 Hz, 35 G's, Duration Time 12 Hrs
Humidity	85% Relative Humidity, 85°C, 250 Hrs
Hermetic Seal	Leak Rate less than 2x10 ⁻⁸ Atmos. CC/sec of Helium

* Inclusive of 25°C tolerance, operating temperature range, input voltage change, load change, aging, shock, and vibration.
All specifications subject to change without notice.