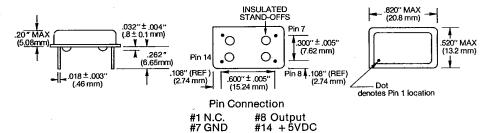
## K / GATE OSCILLATOR WITH





The FOX F1100K clock oscillators are Gate type oscillators which are TTL Compatible and are low

Fox oscillators feature a high quality welded package that offers a hermetic seal to provide excellent resistance to extremes of heat/humidity. With pin 7 case ground, the metal package also includes shielding to minimize RF radiation, helping to meet FCC EMI specifications. The Fox oscillators can be soldered in standard wave line operations without damage. High insulated stand-offs permit good defluxing.



## **FEATURES**

- Rugged Resistance Weld
- Superior Quality
- Low Cost
- Low Profile
- Stainless Steel Cover
- Surface Mount Option

## **SPECIFICATIONS**

Frequency Range	.250 MHz - 25 MHz
Frequency Stability*	±.005%, ±.01%
Operating Temperature Range	0°C to 70°C
Input Voltage	+5 VDC ±0.5 V
Input Current	30 mA (MAX)
TTL Output: Symmetry @ 1.4 V level	40/60% (MAX)
Rise / Fall Times (0.4 V - 2.4 V)	10 nS (MAX)
Logic '0'	0.4 V (MAX)
Logic '1'	2.4 V (MAX)
Output Load	1-10 TTL loads
Start-up Time	20 mS (MAX)
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 Hours
Humidity	85% Relative Humidity, 85°C, 250 Hours
Hermetic Seal	Leak Rate Less Than 2×10-8 atmos. CC/sec. of Helium

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