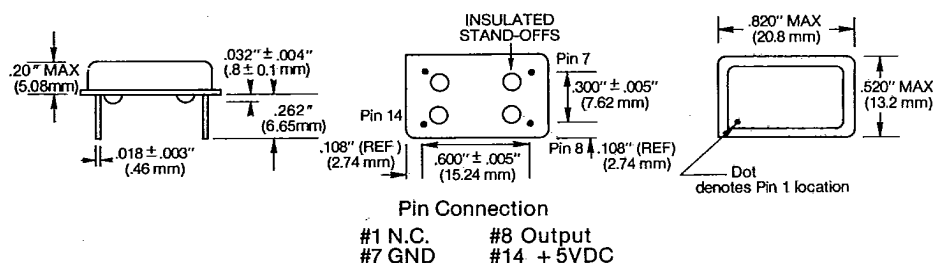


Fox oscillators feature a high quality welded package that offers a hermetic seal to provide excellent resistance to extremes of heat/humidity. With pin 7 case ground, the metal package also includes shielding to minimize RF radiation, helping to meet FCC EMI specifications. The Fox oscillators can be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



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

| | |
|------------------------------------|---|
| 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, ½ 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 |

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