

- MIL compliant
- Wide frequency range from 0.1Hz
- HCMOS output
- Industry-standard dual-in-line package



### DESCRIPTION

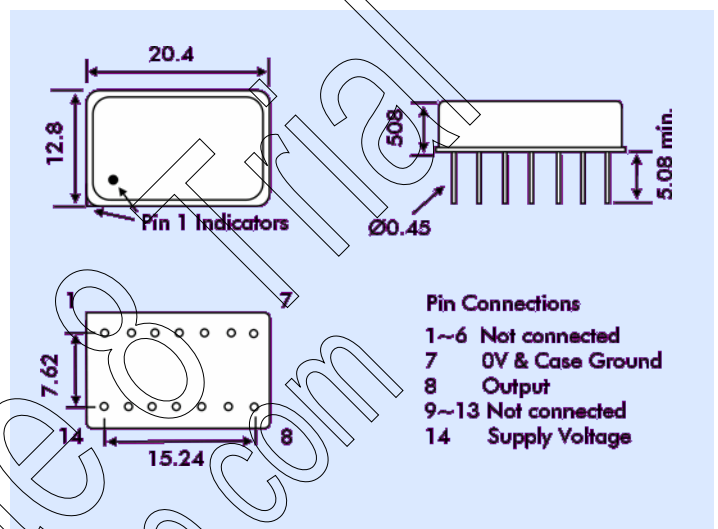
ZY2000 series XOs are packaged in the industry-standard 14 pin DIL package. The part is MIL compliant, screening to MIL-PRF-55310 is available if required.

### GENERAL SPECIFICATION

Frequency Range:	0.1Hz to 60.0MHz
Output:	HCMOS
Load:	Up to 10 LSTTL/HCMOS loads
Symmetry:	50%±5% <5MHz, ±10% >5MHz
Temperature Stability:	±50ppm over -55° to +125°C
Ageing:	<10ppm/year
Input Voltage:	+5.0DC±5%
Current Consumption:	see table
Rise and Fall Times:	<1ns

Screening to MIL-PRF-55310 is available

### OUTLINES AND DIMENSIONS



### INPUT CURRENT

Frequency	Current
0.1Hz to 250Hz	158mA
250Hz to 150kHz	94mA
150kHz to 5MHz	70mA
5MHz to 20MHz	30mA
20MHz to 60MHz	65mA

### PART NUMBERING

Example: **ZY2000-10.0MHz**

