EUROQUARTZ

ZY2000 Series XO

MIL Compliant/14 pin DIL

0.1Hz to 60.0MHz

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



DESCRIPTION

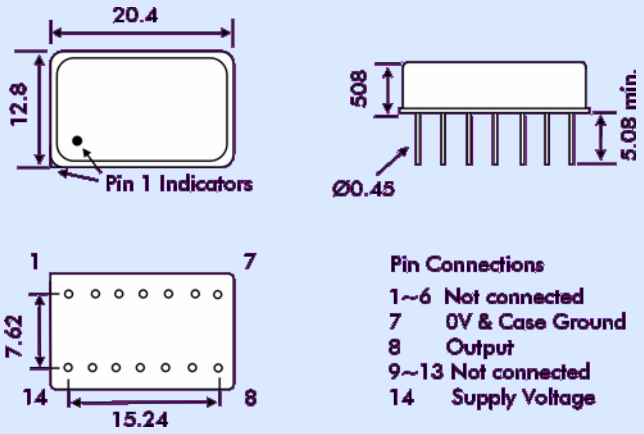
ZY2000 series XOs are packaged in the industry-standard 14 pin DIL package. The part is MIL compliant, screening to MIL-PRF-55310 is available if required.

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

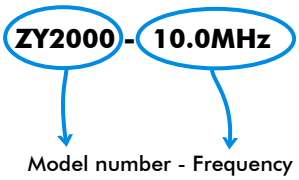


INPUT CURRENT

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**



EUROQUARTZ LIMITED Blacknell Lane CREWKERNE Somerset UK TA18 7HE
Tel: +44 (0)1460 230000 Fax: +44 (0)1460 230001 info@euroquartz.co.uk www.euroquartz.co.uk