EUROQUARTZ

ZT560 Series TCXO

Wide Temperature/Low Phase Noise — 20.0kHz to 30.0MHz

- **Wide temperature operation**
- **Low Phase Noise**
- **Output HCMOS**
- **Industry-standard dual-in-line package**
- **Supply voltage 5.0, 12.0 or 15.0 Volts**
- **Available with Screening & Testing to MIL STD.**

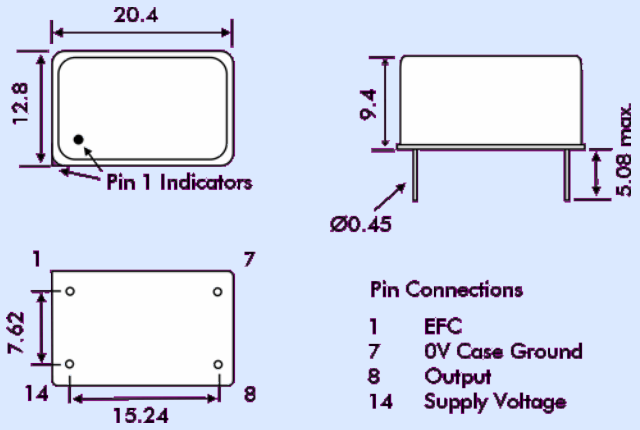
RoHS



DESCRIPTION

ZT560 series TCXOs are standard-packaged 14 pin DIL TCXOs. The parts offer a wide temperature operation with low phase noise performance. Supply voltage 5.0, 12.0 or 15.0 Volts.

OUTLINES AND DIMENSIONS



GENERAL SPECIFICATION

Frequency Range:	20.0kHz to 30.0MHz
Output:	HCMOS
Input Voltage:	
Model ZT560:	+5.0VDC±5%
Model ZT561:	+12.0VDC±5%
Model ZT562:	+15.0VDC ±5%
Input Current:	15mA typical (10MHz)
Temperature Stability:	*See table*
Ext. Frequency Control:	(On pin 1) >±5ppm Positive slope
Ageing:	±1ppm /1st year

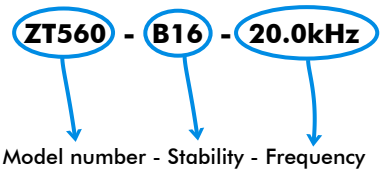
Screening and Qualification Testing available to MIL-PRF-55310 Product Level B.
Available with full 14 pin pakcage upon request.
Surface mount form available (ZT570 Series)

STABILITY OVER TEMPERATURE

Temp. Range	Stability	Part No. Code
0~+50°C	±1ppm	B16
-20~+70°C	±2ppm	N256
-40~+85°C	±3ppm	T36
-55~+125°C	±5ppm	X56

PART NUMBERING

Example: **ZT560-B16-20.0kHz**



PHASE NOISE
(At 10MHz, Typical)

Offset	dBc/Hz
10Hz	-90
100Hz	-120
1kHz	-140
10kHz	-150
100kHz	-152

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