

STANDARD THROUGH HOLE VCXO (20.8 x 13.2 x 7.24mm)

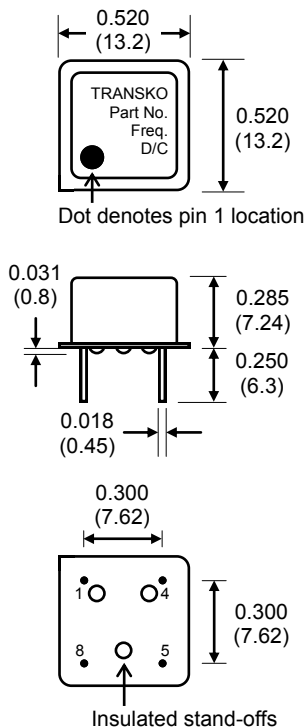
FEATURES

- WIDE FREQUENCY RANGE
- WIDE PULLABILITY RANGE / LOW CURRENT
- FAST DELIVERY



MODEL		VCXO-650	VCXO-620
FREQUENCY		250 KHz ~ 200 MHz	
STABILITY	vs. TEMP.	±10ppm ~ ±50ppm	
	vs. SUPPLY VOLT.	±3.0ppm	
AGING / YEAR		±1.0ppm	
OPERATING TEMP.		0°C to +70°C or -40°C to 85°C	
STORAGE TEMP.		-40°C to +125°C	
OUTPUT	TYPE	HC MOS/TTL dual	SINEWAVE
	LOAD	15pF	50ohms
	SYMMETRY	50% ±10% or 50% ±5%	-
	OUTPUT LEVEL	90% / 10% V _{dd}	3.3V: 0dBm typ., 5.0V: 10dBm typ.
SUPPLY	VOLTAGE	5.0V ±5% or 3.3V ±5%	
	CURRENT	45mA max.	70mA max.
CONTROL VOLTAGE		5V: 2.5V±2.0V 3V: 1.65V ±1.35V (custom range available)	
PULLABILITY		±50ppm to ±1000ppm	

PACKAGE DIMENSIONS



Unit : inch
(mm)

Pin Configuration	
1	V Control
4	Ground
5	Output
8	V _{cc}

PART NUMBERING GUIDE

VCXO - 650 H 25 ET S 50 - 27.000M

Product series

VCxo Type

650: 5 Volt TTL/CMOS
620: 5 Volt Sinewave
Z option: 3.3V supply
X option: custom spec

Package Size

F: 14 pin DIP full size
H: 8 pin DIP half size
FG: 14 pin DIP full size gull-wing
HG: 8 pin DIP half size gull-wing

Frequency Stability

100: +/- 100ppm
50: +/- 50ppm
25: +/- 25ppm
15: +/- 15ppm
10: +/- 10ppm

Frequency

Please specify frequency in MHz

Pullability

50: ±50ppm
100: ±100ppm
150: ±150ppm
200: ±200ppm
300: ±300ppm
500: ±500ppm
800: ±800ppm
Higher pull available
please consult factory

Symmetry

Blank: 60/40%
S: 55/45%
Tighter symmetry available

Operating Temperature

Blank: 0° to 70°C
ET: -40° to 85°C
MT: -55° to 125°C