

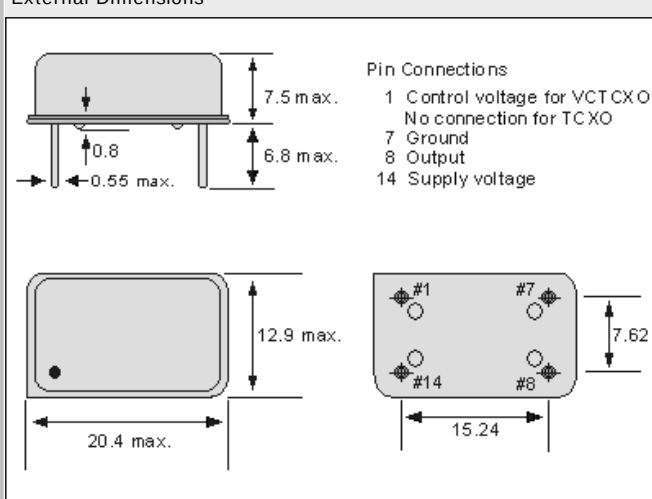
TCXO



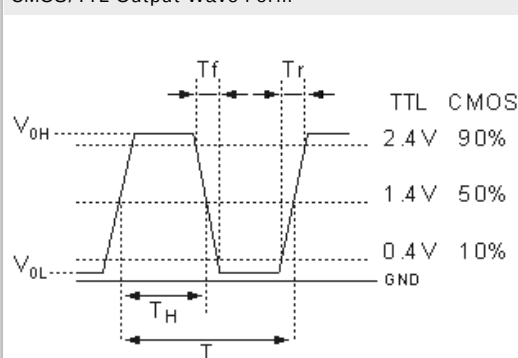
TCXO-Oscillator TCXO-14T5.0 DIL 14 5.0V

- Temperature Compensated Crystal Oscillators
- DIL in metal case (20.2 x 12.8 x 7.5) mm, 50pcs on a tray
- CMOS/TTL Square Wave Output; Wave form code is " T "
- RoHS conform; Lead-free product
- Available in many standard and special frequencies

External Dimensions



CMOS/TTL Output Wave Form



Specifications - Product No. G01000000BLQUPN1AHA

Holder Type:	TCXO-14T5.0 5.0V (Voltage code is " 5.0 ")
Frequency:	10.000000 MHz
Input Voltage:	+ 5.0V $\pm$ 10%
Frequency Stability:	$\pm$ 5.0 ppm at 25°C
Freq. Stability vs Temperature:	$\pm$ 5.0 ppm over $\pm$ 0°C to +50°C (inclusive of 25°C tolerance, $\pm$ 10% input voltage variation, load change, aging, shock and vibration)
Freq. Stability vs Aging:	$\pm$ 1.0 ppm, first year at 25 °C
Freq. Stability vs Voltage Change:	$\pm$ 0.3 ppm, for a $\pm$ 5% input voltage change
Freq. Stability vs Load Change:	$\pm$ 0.3 ppm, for a $\pm$ 10% load condition change
Operating Temperature Range:	$\pm$ 0°C to +50°C
Maximum Supply Current:	7.0 mA max.
Output Load:	15pF
Output Logic Levels:	Logic High "1" : 2.4Vmin. (TTL), 90% Vdd min. (CMOS) Logic Low "1" : 0.4Vmin. (TTL), 10% Vdd min. (CMOS)
Output Symmetry (Duty Cycle):	40/60% ; Measured at 50% Vdd
Rise/Fall Time CMOS:	Tr: 1.4ns (max.) Tf: 2.0ns (typ.) Measured between 20% and 80% Vdd of the wave form (CL = 15pF)
Start Up Time:	10 ms (max.); 5ms (typ.)
Storage Temperature:	-55 to +105°C
Reflow Condition:	260°C max. for 10 sec.

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