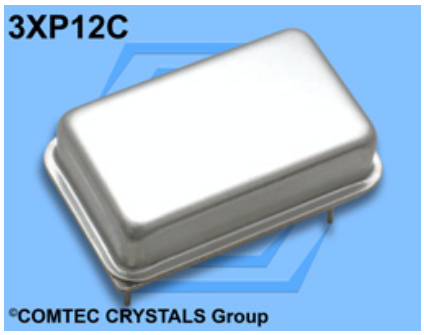
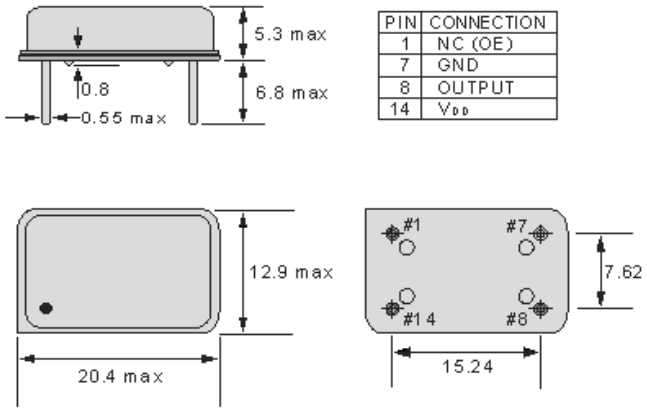


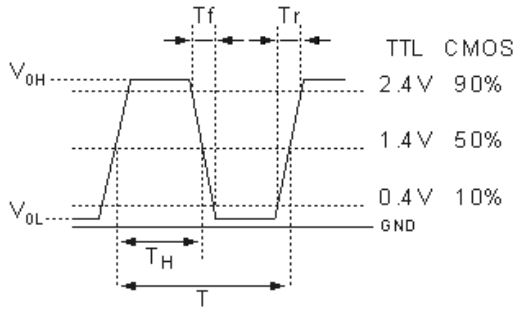
Programmable Crystal Clock Oscillator
3XP-12C5.0 5.0V

- Short lead time. From one day to one week
- Compact metal package in DIL14
- CMOS/TTL Square Wave
- Available in many frequencies
- packed in antistatic tubes
- RoHS conform; Lead-free product

Programmable Crystal Clock Oscillator 3XP-12C5.0



CMOS/TTL Output Wave Form



Specifications - Product No. G022000000KPSMPN43AB

Holder Type:	Programmable Crystal Clock Oscillator 3XP-12C5.0 (5.0V)
Frequency:	22.000000 MHz
Frequency Stability at 25°C:	± 25.0 ppm
Operating Temperature Range:	± 25.0 ppm -40°C to +85°C (Inclusive Operating Temp., Supply Voltage, & Load)
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (Vdd):	+ 5.5V max. to 2.7V min.
Maximum Supply Current:	45.0 mA max.
Standby Current:	10µA typical, 50µA max.
Output Load CL:	CL for CMOS levels: 4.5V -5.5V Vdd ≤; 60 MHz 50pF ; 66 - 133 MHz 25pF
Output Symmetry (Duty Cycle):	45/55%
Output Voltage (V0H) (V0L):	90% of Vdd min. / 10% of Vdd max.
Rise/Fall Time (10% to 90% Vdd):	1.8 ns max. < 2.0 ns typical
Start Up Time:	2 ms max.
Tri-state (Option):	Pin 1 = H or open.... Output active at pin 8 Pin 1 = L.... high impedance at pin 8
Output Enable Time:	15 ns max.
RMS Jitter:	99ps max.
Aging:	< ±5ppm max. / year (max.)

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