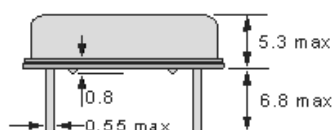




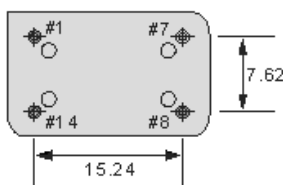
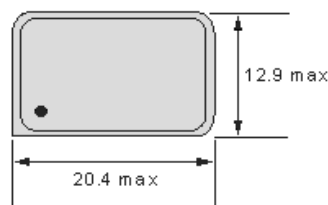
Crystal Clock Oscillator 3XO-12C5.0 DIL14 5.0V

- micro-processor clocks
- compact metal package
- CMOS/TTL Square Wave
- Available in many standard and special frequencies
- packed in antistatic tubes
- RoHS conform; Lead-free product

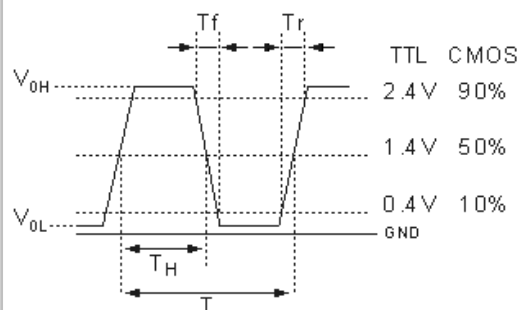
External Dimensions



PIN	CONNECTION
1	NC (OE)
7	GND
8	OUTPUT
14	V _{DD}



CMOS/TTL Output Wave Form



Specifications

Holder Type:	3XO-12C5.0 DIL14 5.0V
Frequency:	4.433619 MHz
Frequency Stability at 25°C:	± 100 ppm
Operating Temperature Range:	±0°C to +70°C
Storage Temperature:	-50°C to +100°C
Power Supply Voltage (V _{DD}):	+ 5.0V D.C. ± 10%
Maximum Supply Current:	20mA max.
Output Load CL:	2 ~ 10 (LS) TTL gates, 15 pF HCMOS
Output Symmetry (Duty Cycle):	40/60%
Output Voltage (V _{OH}) (V _{OL}):	90% of V _{DD} min. / 10% of V _{DD} max.
Rise/Fall Time (10% to 90% V _{DD}):	10 ns max. < 5 ns typical
Start Up Time:	10 ms max. < 5 ms typical
Moisture sensitivity level:	MSL=1 per IPC/JEDEC J-STD-020 C
Aging:	< ±5ppm max. / year (max.)

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