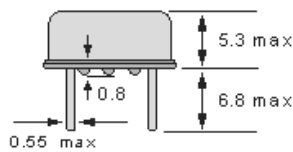


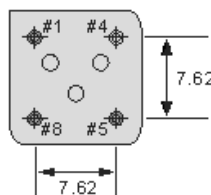
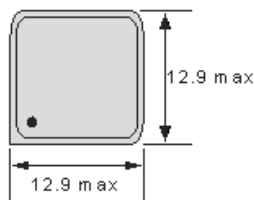
Programmable Crystal Clock Oscillator 3XP-22C5.0  
5.0V 1-133MHz

- Short lead time. From one day to one week
- Compact metal package in DIL8
- CMOS/TTL Square Wave
- Available in many frequencies
- packed in antistatic tubes
- RoHS conform; Lead-free product

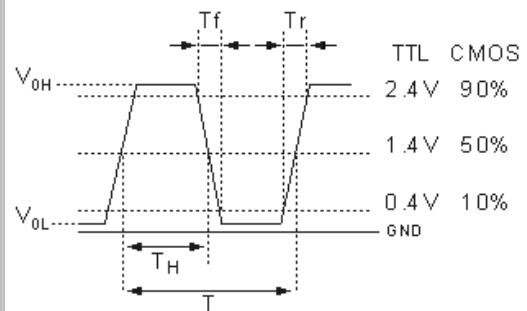
### External Dimensions



PIN	CONNECTION
1	NC (OE)
4	GND
5	OUTPUT
8	V <sub>DD</sub>



### CMOS/TTL Output Wave Form



### Specifications - Product No. G019200000I OSMPN43AB

Holder Type:	3XP-22C5.0 (5.0V)
Frequency:	19.200000 MHz
Frequency Stability at 25°C:	± 25.0 ppm
Operating Temperature Range:	± 25.0 ppm -40°C to +85°C
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (V <sub>DD</sub> ):	+ 5.5V max. to 2.7V min.
Maximum Supply Current:	45.0 mA max.
Standby Current:	10µA typical, 50µA max.
Output Load CL:	2 - 10 (LS) TTL gates, 50 pF HCMOS
Output Symmetry (Duty Cycle):	40/60% or 45/55%
Output Voltage (V <sub>OH</sub> ) (V <sub>OL</sub> ):	90% of V <sub>DD</sub> min. / 10% of V <sub>DD</sub> max.
Rise/Fall Time (10% to 90% V <sub>DD</sub> ):	4 ns max. < 2.0 ns typical
Start Up Time:	10 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:	100 ns
RMS Jitter:	65ps typ.; 99ps max.
Aging:	< ± 5ppm max. / year (max.)

#### GERMANY:

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