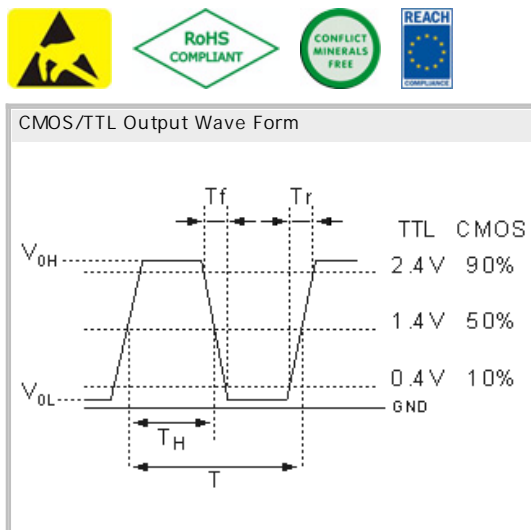
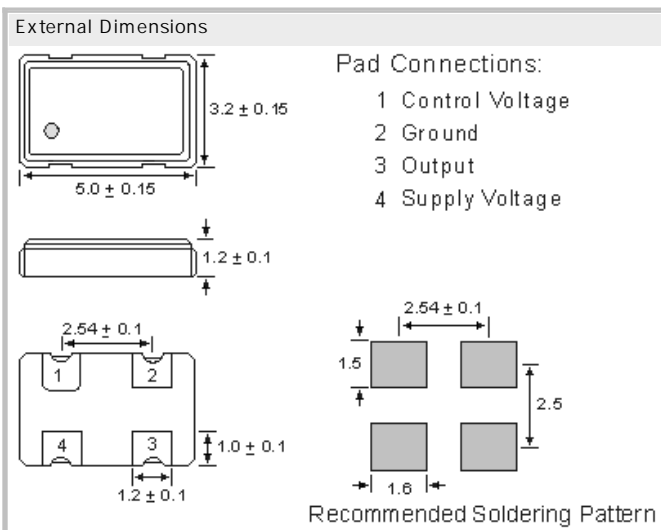


VCXO-Oscillator SMD VCXO5032T5.0-4pad 5.0V  
Voltage Controlled Crystal Oscillator

- Output Wave Form CMOS/TTL
- SMD in ceramic case (5.0 x 3.2 x 1.2) mm
- RoHS conform; Lead-free product
- Vibration: MIL-STD-202F method 204, 35G, 50 to 2000 Hz
- Shock: MIL-STD-202F method 213B, test cond. E, 1000GG 1/2 sine wave
- Available in many standard and special frequencies



## Specifications - Product No. G025000000JNSUPC43AB

Holder Type:	VCXO5032T5.0-4pad 5.0V (Voltage code is "5.0")
Frequency:	25.000000 MHz
Initial Freq. Accuracy (at 25 °C):	To tune to the nominal frequency with V <sub>c</sub> = + 2.5V ± 0.2V
Freq. Stability o. Operating Temp. Range:	± 25.0 ppm
Operating Temperature Range:	± 25.0 ppm over -40°C to +85°C (inclusive of 25°C tolerance, ± 10% input voltage variation, load change, aging, shock and vibration )
Frequency Deviation:	± 100ppm
Power Supply Voltage (V <sub>dd</sub> ):	+ 5.0V DC ± 10%
Maximum Supply Current:	35.0mA
Output Load CL:	2 TTL gates max. / CMOS 15 pF
Output "1" Level (V <sub>OH</sub> ):	4.5V (min.) CMOS
Output "0" Level (V <sub>OL</sub> ):	0.5V (max.) CMOS
Output Symmetry (Duty Cycle):	45/55%
Voltage Control:	2.5V DC Center / 0.5V to 4.5V Range
Linearity:	6% typical; 10% max.
Rise (Tr) / Fall Time (Tf):	(Tr) 6ns (max.); 4ns( typ.) Measured between 0.4V and 2.4V (Tf) 6ns (max.); 4ns( typ.) Measured 20% to 80% of wave form
Integrated Phase Jitter:	1 ps max. (12 kHz to 20 MHz)
Start Up Time:	10 ms (max.), 5ms (typ.)
Aging:	± 3 ppm per year (max.)
Reflow Condition:	10 sec. max. at 260° C

### GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14  
8 5 5 8 6 P o i n g / G E R M A N Y  
Phone +49 8121 778160 · Fax +49 8121 778177  
e-Mail [info@comtec-crystals.com](mailto:info@comtec-crystals.com)  
Internet: <http://www.comtec-crystals.com>  
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### FRANCE:

COMTEC CRYSTALS SARL · 23, rue du Faucon  
6 7 5 0 0 H a g u e n a u / F R A N C E  
Phone +33 388 732162 · Fax +33 388 730118  
e-Mail [sales@comtec-crystals.com](mailto:sales@comtec-crystals.com)  
Internet: <http://www.comtec-crystals.com>  
Sous réserve de modifications.