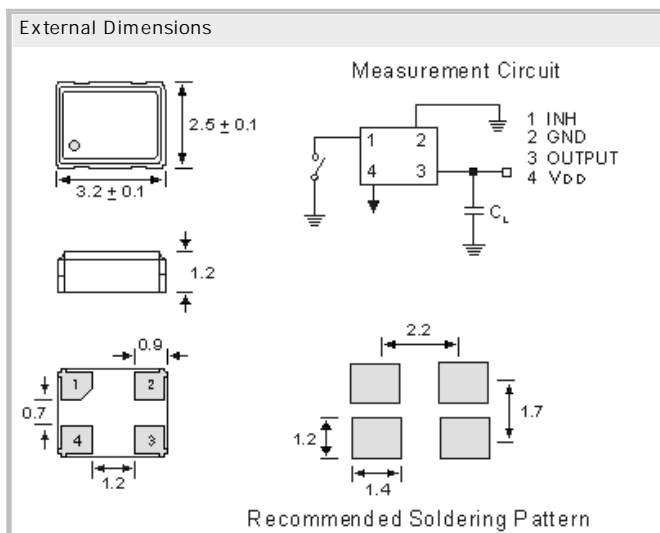
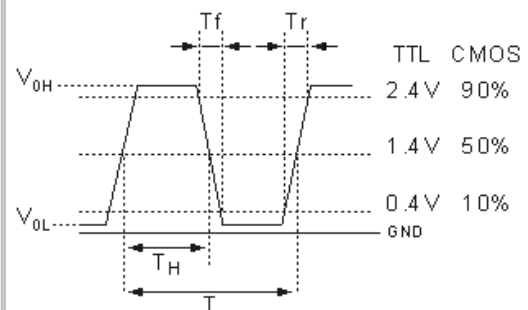


Crystal Clock Oscillator CXO3225TA3.3 3.3V 32µA

- SMD in ceramic case (3.2 x 2.5 x 1.0) mm
- Tri-State Enable / Disable
- CMOS/TTL Square Wave
- on Tape & Reel (Tape 8mm)
- 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



CMOS/TTL Output Wave Form



Specifications - Product No. G00050000GGCUPN43BA

Holder Type:	CXO3225TA3.3 Tri-State 3.3V (Voltage code is " 3.3 ")
Frequency:	50.000000 kHz
Frequency Stability at 25°C:	± 50.0 ppm
Operating Temperature Range:	± 50.0 ppm over -40°C to +85°C (inclusive of 25°C tolerance, ±10% input voltage variation, load change, aging, shock and vibration)
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (Vdd):	+ 3.3V D.C. ± 10%
Maximum Supply Current:	75µA typ.
Output Load:	15pF CMOS
Output Symmetry (Duty Cycle):	50% ± 3% typical; 50% ± 5% max. (measured at 50% Vdd)
Output Voltage (VOH) (VOL):	90% of Vdd min. / 10% of Vdd max.
Rise/Fall Time (10% to 90% Vdd):	10 ns max. < 5 ns typical
Start Up Time:	1.0 ms max. < 5.0 ms (max.)
Tri-state Function Pin 1:	Pin 1 = H or open... Output active at pin 3 Pin 1 = L... high impedance at pin 3
Aging:	< ±3ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

GERMANY:

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