

FEATURES

- ULTRA SMALL SMD PACKAGE
- LOW JITTER
- 3rd OVERTONE CRYSTAL DESIGN

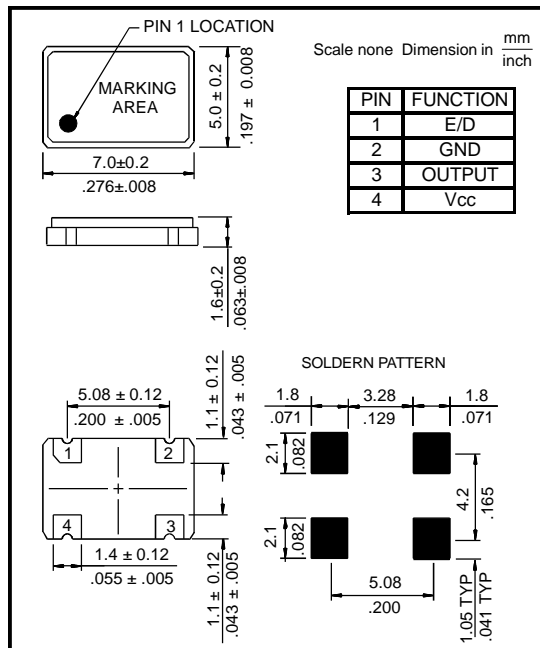
SPECIFICATIONS

PARAMETER	VALUE
SERIES	CO4605
FREQUENCY	125.00, 133.00 MHz
OVERALL FREQUENCY STABILITY	±50 PPM MAX (see note1)
OUTPUT WAVEFORM	CMOS
LOAD	15 pF
TEMPERATURE RANGE	0°C TO +70°C
STORAGE TEMPERATURE RANGE	-55°C TO +125°C
INPUT SUPPLY VOLTAGE	+3.3V ±0.3V
INPUT CURRENT	60 mA MAX (WHEN ENABLED) 10 uA MAX (WHEN DISABLED)
SYMMETRY (@ 50% Vcc)	45% TO 55%
OUTPUT "0" LEVEL	0.3 V MAX
OUTPUT "1" LEVEL	2.97 V MIN
RISE TIME	3 ns MAX (1 ns TYP)
FALL TIME	3 ns MAX (1 ns TYP)
JITTER (1σ, Fj = +12kHz....+20MHz)	1ps RMS MAX

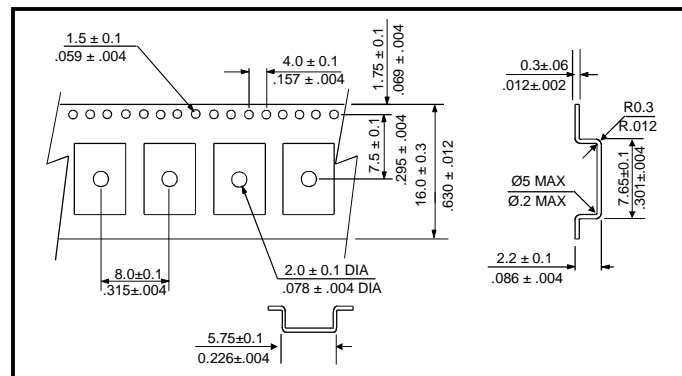
REVISION: C
DATE: 5/16/02

NOTE1: INCLUSIVE OF 25°C TOLERANCE, OPERATING TEMPERATURE RANGE, VOLTAGE OR LOAD CHANGES, AGING, SHOCK AND VIBRATION

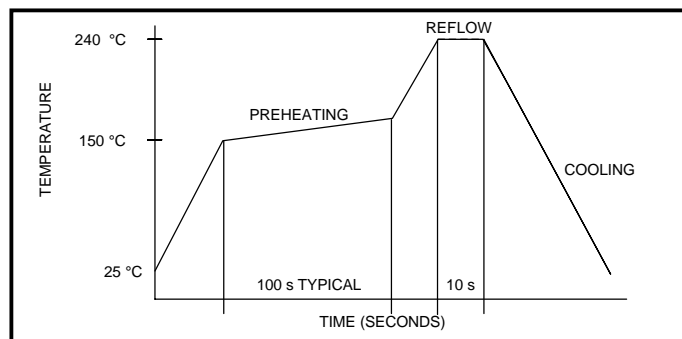
OUTLINE DRAWING



CARRIER TAPE DIMENSIONS



REFLOW SOLDERING PROFILE



ENABLE / DISABLE FUNCTION TABLE

PIN 1 INPUT	PIN 3 OUTPUT
H OR OPEN	OSCILLATION
L	DISABLE

EXAMPLE

CO4605-125.000-TR