

### ● FEATURES

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

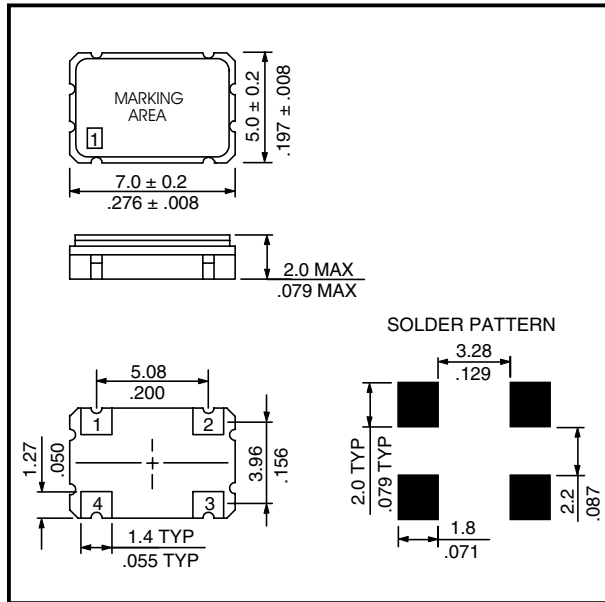
### MODEL CS4AVH

### ● SPECIFICATIONS

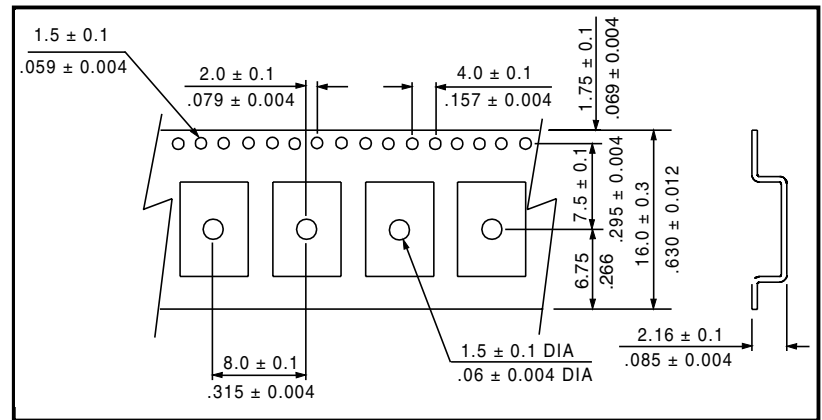
PARAMETER	VALUE
FREQUENCY	125.000 MHz, 133.000 MHz, 156.250 MHz
OVERALL FREQUENCY STABILITY INCLUDING 10 YEAR AGING	±50 PPM OVER -40°C TO +85°C REFERENCE TO 25°C @ Vcc=+3.3 VDC ±5%
OUTPUT WAVEFORM	HCMOS SYMMETRY: 40/60 TO 60/40 AT 50% LEVEL VOH="1" LEVEL: +2.97 VDC MIN VOL="0" LEVEL: +0.3 VDC MAX RISE AND FALL TIME: 3 ns MAX EA. JITTER: 1pS RMS (1σ), Fj > 1 KHz
LOAD	15pF MAX
SUPPLY VOLTAGE (Vcc)	+3.3 VDC ±5%
SUPPLY CURRENT	70 mA MAX. Vcc=+3.3 VDC, WITH 15 pF LOAD @ +25°C
OPERATING TEMPERATURE RANGE	-40°C TO +85°C
ENABLE OPTION (PIN 1)	"1" HIGH OR OPEN
DISABLE OPTION (PIN 1)	"0" GROUND ( <b>OUTPUT PIN HIGH IMPEDANCE</b> )
MECHANICAL	SMT, 4 PADS

REVISION: B  
DATE: 10/29/01

### ● OUTLINE DRAWING



### ● CARRIER TAPE DIMENSIONS



### ● ENABLE / DISABLE FUNCTION TABLE

PIN	FUNCTION
1	E/D
2	CASE/GND
3	OUTPUT
4	Vcc

### ● EXAMPLE:

CS4AVH-125M000-4

### ● REFLOW SOLDERING PROFILE

