Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

SMD Oscillators
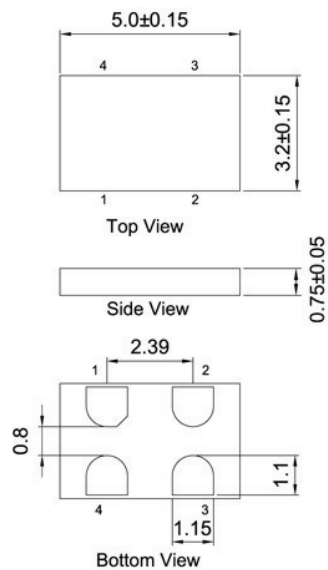# CMOS Output
5.0 x 3.2 x 0.75 mm TB Series

Features

· Molded in plastic package
· Silicon-based MEMS oscillator
· Frequency range 1~150MHz
· High stability, low power consumption
· RoHS Compliant / Pb Free
· Main application : DSC, NB Computers, Computer Peripherals

125.00h01
A025D

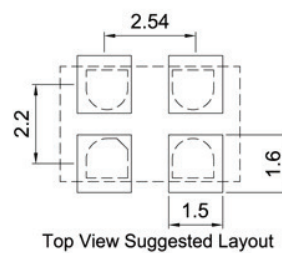## Electrical Specifications

Item / Type	TB
Output Frequency Range	1~ 150MHz
Output Type	CMOS
Supply Voltage	1.8V, 2.5V, 3.3V
Frequency Stability	±25ppm
Operating Temperature Range	-40 ~ +85℃
Output Load	15pF Max.
Supply Current	25.0 mA Max.(1.0~ 60.0 MHZ Vdd=3.3V)
	30.0 mA Max. (60.0~ 133.33 MHZ Vdd=3.3V)
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Symmetry	45%~55% (1.0~ 100.0 MHz)
	40%~60% (100 ~ 200.0 MHz)
Rise / Fall Time	3 ns. Max.
Start-up Time	10msec Max.
Storage Temperature Range	-55 ~ +125℃

Dimensions

5.0±0.15
4 3
3.2±0.15
1 2
Top View

0.75±0.05
Side View

2.39
1 2
0.8
1.1
4 3
1.15
Bottom View

PAD FUNCTION:
1: OE / $\overline{ST}$
2: GND
3: OUT
4: VDD

2.54
2.2
1.6
1.5
Top View Suggested Layout

Units: mm