

OSC36 TTL-CMOS 3.3V

CRYSTAL OSCILLATOR

SMD



FEATURES

CMOS/TTL logic output
4-pin plastic mold
Built -in cylinder crystal and high reliability
Available on 24mm Tape & Reel
Enable/Disable feature
Low operating voltage (+3.3V)
Also available in 5.0V

TYPICAL SPECIFICATIONS

Model		OSC365	
Nominal frequency range		1.500~80.000 MHz	
Frequency stability❖		$\pm 50 \times 10^{-6}$	$\pm 100 \times 10^{-6}$
Temperature range(°C)	Operating	0°C ~ +70°C	
	Storage	-55 ~ +125°C	
Power Supply Voltage (Vdd)		+3.3V±0.3 V DC	
Current consumption		6mA (1.5~10MHz)	25mA (28+~40MHz)
		10mA (10+~26MHz)	35mA (40+~70MHz)
		15mA (26+~28MHz)	45mA (70+~ 80MHz)
Input Voltage		Disable:30% Vdd Max, Enable: 70%Vdd Min	
Output		TTL-CMOS (See Table A)	

TABLE A

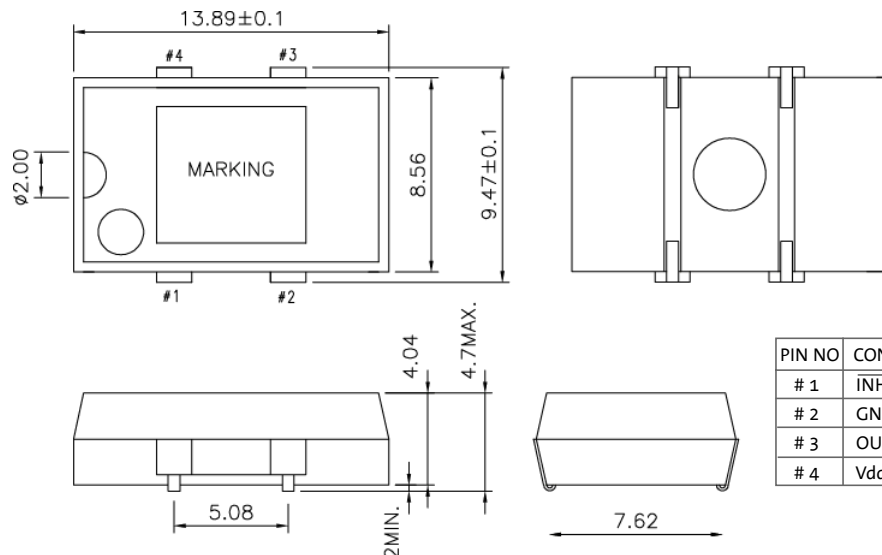
Output level		TTL	CMOS
Load		5TTL	30pF Max.
Output voltage	"0" level	VOL : 10%Vdd Max.	VOL : 10%Vdd Max.
	"1" level	VOH : 90%Vdd Min.	VOH : 90%Vdd Min.
Rise & fall time		6ns(1.5~36MHz)	6ns(1.5~36MHz)
		4ns(36+~80MHz)	4ns(36+~80MHz)
		(at 0.4~2.4V DC)	(at 20%~80% Vdd)
Symmetry		40~60% at +1.4V	45~55% at 50% Vdd

❖ Inclusive of calibration tolerance at +25°C operating temperature, supply voltage range.

* Please consult with us for other specification.

OUTLINE DIMENSIONS

Unit:mm



PIN NO	CONNECTION
# 1	INH or N.C.
# 2	GND
# 3	OUTPUT
# 4	Vdd