

OSC36 CMOS/TTL

CRYSTAL OSCILLATOR

SMD



FEATURES

CMOS or TTL output
4-pin plastic mold
Built-in cylinder crystal and high reliability
Available on 24mm Tape & Reel
Enable/Disable feature

TYPICAL SPECIFICATIONS

Model		OSC36	
Nominal frequency range		1.500~70.000 MHz	
Frequency stability❖		$\pm 50 \times 10^{-6}$	$\pm 100 \times 10^{-6}$
Temperature range(°C)	Operating	0~+70°C	
	Storage	-55°C~+125°C	
Power Supply Voltage (Vdd)		+5.0±0.5 V DC	
Current consumption		10mA (1.5~10MHz)	35mA (26+~50MHz)
		15mA (10+~26MHz)	50mA (50+~ 70MHz)
Input Voltage		Disable:30% Vdd Max, Enable: 70%Vdd Min	
Output level		CMOS	TTL
Load		50pF Max (1.5~26MHz)	10TTL(1.5~26MHz)
		30pF Max (26+~50MHz)	5TTL(60~70MHz)
		15pF Max (50+~70MHz)	
Output voltage	"0" level	VOL : 0.4V Max.	
	"1" level	VOH : Vdd-0.4V Min.	
Rise & fall time		12ns(1.5~26MHz)	5ns(at 0.4~2.4V DC)
		10ns(26+~50MHz)	
		6ns(50+~70MHz)	
		(at 10%~90%Vdd)	
Symmetry		45~55% at 50% Vdd	45~55% at +1.4V

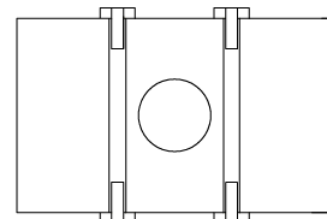
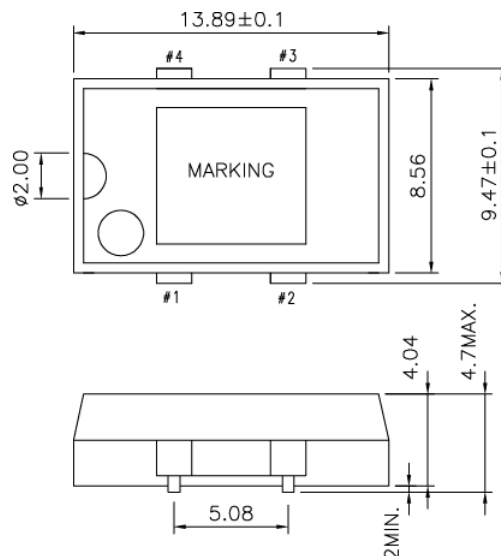
❖ Inclusive of calibration tolerance at +25°C operating temperature, supply voltage range.

* Please consult with us for other specification.

* Packing quantity 1,000pcs/ reel.

OUTLINE DIMENSIONS

Unit:mm



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