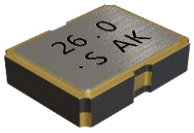
CRYSTAL OSCILLATOR

OSC86



Applications

- Clock and Data Recovery

Features

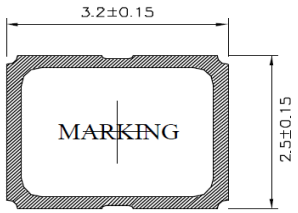
- Samll ceramic package / Dimensions (3.2* 2.5 *0.9)
- LowPower consumption (CMOS/IC 1.5 μA)with Tri-satate Function and wide range operating temperature (- 40~+125 ℃)
- Start-up time below 1 sec.Supply coltage 1.5 ~ 5.5V

Specifications

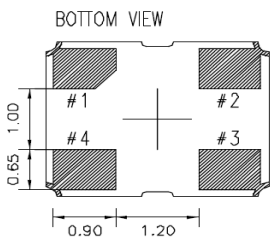
Model	OSC86
Nominal frequency	32.768 KHz
Storage temperature range	-55 ~ +125 ℃
Operating temperature range	-40 ~ +125 ℃
Frequency stability	+5 ±20 ppm @Vdd=3.3 V,+25℃
Frequency Temp. Characteristics	-120~+10 ppm @-20~+70 ℃,+25 ℃ as the reference
Power supply voltage	+1.5~+5.5 V±10%
Current consumption	1.5 μA max. @Vcc=3.3 V, No Load
	2.5 μA max. @Vcc=5.0 V, No Load
Output level	C-MOS
Load	15 pF max.
Output voltage level	V_{OL}: 0.4 V max. / V_{OH}: Vcc-0.4 V min.
Rise & Fall time	200 ns max. @10%Vcc~90%Vcc
Duty cycle	40%~60% at 50%Vcc
Start-up time	1 sec max.
Standby Current Consumption	1 μA max.

Package quantity : 3,000pcs max./Reel

Outline and Dimensions [unit: mm]



Terminal	Connection
#1	OE
#2	GND
#3	OUTPUT
#4	Vcc



Land Pattern(REFERENCE)