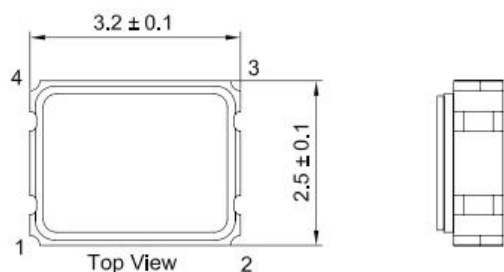# OSC 3225

JGHC®

RoHS:2.0 lead-free Pb

Features

➢ Mainstream miniature oscillator package；

➢ Supply voltage range：1.8 V ~ 3.3 V；

➢ Tri-State function available；

➢ High stability, low jitter, low power consumption；

➢ Main application :Optimal solution for home security devices, power saving application, and low frequency specification circuit design looking for a smaller package；
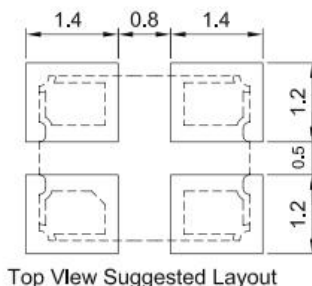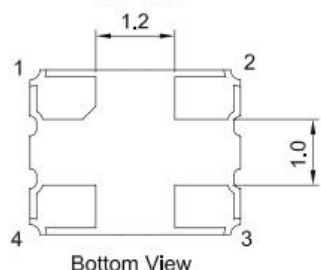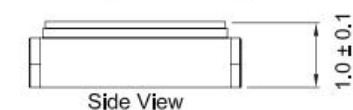
➢ RoHS Compliant / Pb Free。

Crystals specifications

ITEMS（项目）		PARAMETER（规格说明）032	
Output Type(输出模式)		CMOS	
Output Load(输出负载条件)		15 pF , or specify	
Oscillation Mode(振荡模式)		Fundamental / 3rd Overtone	
Supply Voltage(电源电压)		1.8 V	2.5 V，2.8V 3.3 V
Frequency Range(输出频率范围)		1 ~ 160 MHz	
Frequency Stability		± 25 ppm ,± 50 ppm	
Operating Temperature Range(工作温度)		- 10 ~ + 70 ℃ , - 40 ~ + 85 ℃	
Storage Temperature Range(储存温度)		- 55 ~ + 125 ℃	
Oscillating voltage(振荡电压)	Voltage Vol (Max.)	10 % VCC Max.	
	Voltage Voh (Min.)	90 % VCC Min	
Rise (Tr) / Fall (Tf) Time：上升/下降时间		8 ns Max.	
Current Consumption（功耗）		15 mA Max.	
Symmetry(占空比)		40 ~ 60 %	
Start-up Time(振荡启动时间)		3 ms Max.	
Phase Jitter (12 KHz ~ 20 MHz)		1 ps Max.	
Aging (at 25 ℃)频率老化		± 3 ppm / year Max.	
Packing Unit(包装单位)		3,000pcs/Reel	

Dimensions

PAD FUNCTION:

1: ENABLE CONTROL

2: GND

3: OUT

4: VDD

Units: mm