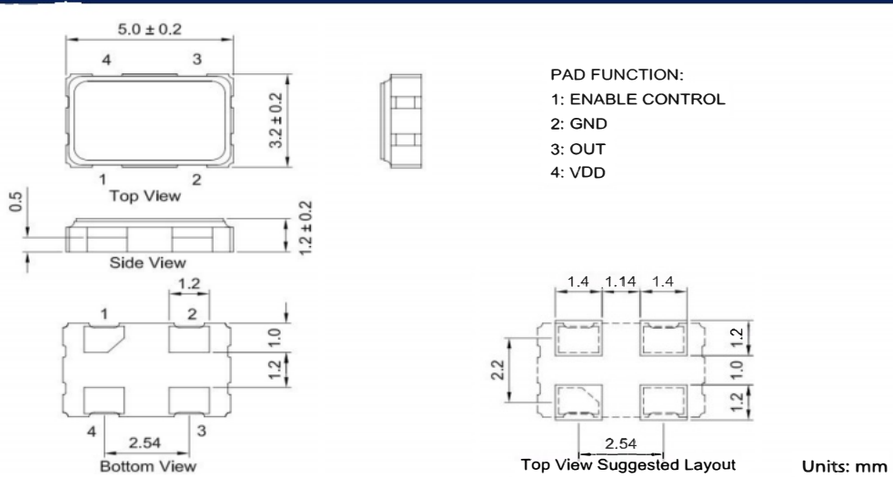
SMD
Crystal Oscillator
5.0x3.2x1.2mm Series

Features

- Extremely Small SMD seam sealed clock oscillator units.
- Applications for smart phone, sip module, variety of compact portable consumer products
- Tri-state function available.
- High reliable environmental performance.

Electrical Specifications

Item / Type		
Frequency Range 频率范围	1 ~ 200MHZ	
Output Type 输出模式	COMS	
Oscillation Mode 震荡模式	Fundamental / 3rd Overtone	
Supply Voltage 电源电压	1.8 V 2.5 V	2.8 V , 3.3 V 5V
Output Load 负载驱动能力	15 pF , or specify	
Frequency Stability 频率稳定度	± 20 ppm , ± 30 ppm	
Operating Temperature Range 工作温度	- 4 0 ~ + 85 ℃ , - 40 ~ + 105 ℃	
Storage Temperature Range 储存稳度	- 55 ~ + 125 ℃	
Voltage Vol (Max.) / Voh (Min.) 电压最大/最小值	0.1 VDD / 0.9 VDD	
Rise (Tr) / Fall (Tf) Time 上升/下降时间	8 ns Max	
Supply Current 输入电流	10 mA Max.	
Symmetry 对称比	45 ~ 55 %	
Start-up Time 起振时间	5 ms Max	
Phase Jitter (12 KHz ~ 20 MHz)相位抖动	1 ps Max.	
Aging (at 25 ℃) 年老化率	± 3 ppm / year Max.	

Dimensions