



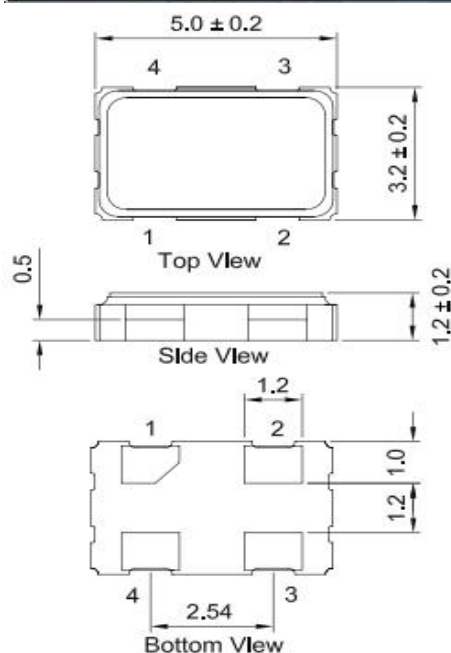
Features

- Small SMD seam sealed clock crystal oscillator units.
- High precision characteristic covering up to wide frequency range.
- Designed for automatic mounting and reflow soldering.
- Tri-State function available.
- Supply voltage range : 1.8 V ~ 5.0 V.
- High stability, low jitter, low power consumption.
- Main application : wireless communication set, PDA, and

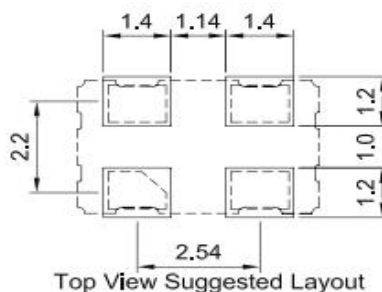
Crystals specifications

ITEMS (项目)		PARAMETER (规格说明) 053		
Output Type(输出模式)		CMOS		
Output Load(输出负载条件)		15 pF , 30 pF		
Oscillation Mode(振荡模式)		Fundamental / 3rd Overtone		
Supply Voltage(电源电压)		1.8±10%V ; 2.5±10%V ; 2.8±10%V ; 3.3±10%V; 5±10%V;		
Frequency Range(输出频率范围)		1 ~ 150 MHz		
Frequency Stability		± 20 ppm , ± 25 ppm , ± 30 ppm , ± 50 ppm		
Operating Temperature Range(工作温度)		- 10 ~ + 70 °C , - 40 ~ + 85 °C		
Storage Temperature Range(储存温度)		- 55 ~ + 125 °C		
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)	1-75 MHz	5 mA Max.	10 mA Max.	20 mA Max.
	75-150 MHz	15 mA Max.	20 mA Max.	NA
Symmetry(占空比)		40 ~ 60 %		
Start-up Time(振荡启动时间)		5 ms Max.		
Phase Jitter (12 KHz ~ 20 MHz)		1 ps Max.		
Aging (at 25 °C)频率老化		± 3 ppm / year Max.		
Packing Unit(包装单位)		1,000pcs/Reel		

Dimensions



PAD FUNCTION:
 1: ENABLE CONTROL
 2: GND
 3: OUT
 4: VDD



Units: mm

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Standard Clock Oscillators](#) category:

Click to view products by [JGHC](#) manufacturer:

Other Similar products are found below :

[EP1400SJTSC-125.000M](#) [601137](#) [601252](#) [CSX750FBC-24.000M-UT](#) [CSX750FBC-33.333M-UT](#) [CSX750FCC-3.6864M-UT](#) [F335-12](#) [F335-25](#) [F535L-50](#) [DSC506-03FM2](#) [ASA-20.000MHZ-L-T](#) [ASA-25.000MHZ-L-T](#) [ASA-27.000MHZ-L-T](#) [ASV-20.000MHZ-LR-T](#) [ECS-2018-160-BN-TR](#) [EL13C7-H2F-125.00M](#) [MXO45HS-2C-66.6666MHZ](#) [NBXDBB017LN1TAG](#) [NBXHBA019LN1TAG](#) [SiT1602BI-22-33E-50.000000E](#) [SIT8003AC-11-33S-2.04800X](#) [SiT8256AC-23-33E-156.250000X](#) [SIT8918AA-11-33S-50.000000G](#) [SM4420TEV-40.0M-T1K](#) [SMA4306-TL-H](#) [F335-24](#) [F335-40](#) [F335-50](#) [F535L-10](#) [F535L-12](#) [F535L-16](#) [F535L-24](#) [F535L-27](#) [F535L-48](#) [PE7744DW-100.0M](#) [CSX750FBC-20.000M-UT](#) [CSX-750FBC33333000T](#) [CSX750FBC-4.000M-UT](#) [CSX750FBC-7.3728M-UT](#) [CSX750FBC-8.000M-UT](#) [CSX-750FCC14745600T](#) [CSX750FCC-16.000M-UT](#) [CSX-750FCC40000000T](#) [CSX750FCC-4.000M-UT](#) [ASA-22.000MHZ-L-T](#) [ASA2-26.000MHZ-L-T](#) [ASA-40.000MHZ-L-T](#) [ASA-48.000MHZ-L-T](#) [ASA-60.000MHZ-L-T](#) [ASF1-3.686MHZ-N-K-S](#)