



SMD Spread Spectrum Clock OSC 5.0*3.2*1.3mm (SS5032)

Features

- ▶ Spread Spectrum Clock Oscillator.
- ▶ Low EMI.
- ▶ Ultra-thin thickness 1.3mm.
- ▶ RoHS compliant and lead free.

RoHS / Pb Free

Specifications

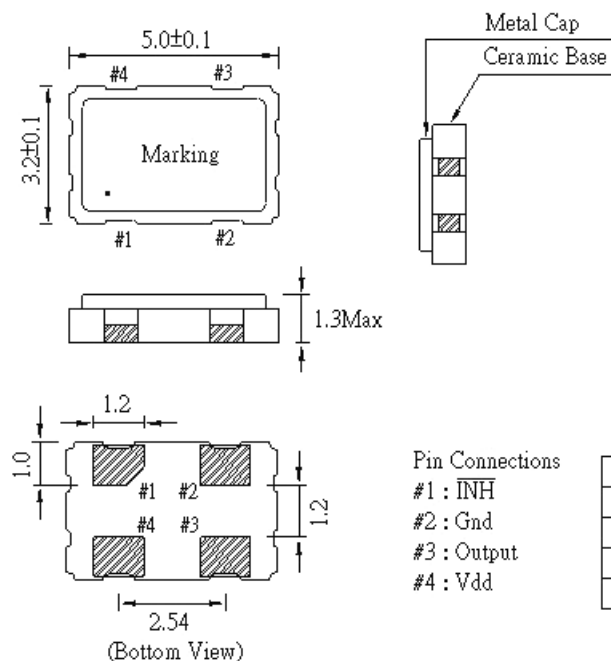
Type	SMD Spread Spectrum Clock OSC 5.0*3.2*1.3mm
Freq. range	13.0 ~ 160.0MHz
Supply Voltage	2.5V ~ 3.3V
Frequency Stability (Parameter excludes modulation)	±20ppm , ±100ppm
Operating Temperature Range	0~+70°C (-40~+85°C is available)
Storage Temperature Range	-55~+125°C
Current	40mA Max.
Load	15pF
Output Level	CMOS
Output Symmetry	40~60% (at 50%VDD)
Rise Time/Fall Time	10nS Max.
Min. Packing	1,000pcs/Reel

Spread Spectrum Specifications

Spread Type	C1	C2	C3	C4
Center Spread	±0.125~±0.5%	±0.625~±1.0%	±1.125~±1.5%	±1.625~±2.0%

Spread Type	D1	D2	D3	D4
Down Spread	-0.25~-1.0%	-1.25~-2.0%	-2.25~-3.0%	-3.25~-4.0%

Dimensions (Unit:mm)



Pin Connections
 #1 : INH
 #2 : Gnd
 #3 : Output
 #4 : Vdd

INH Function	
#1	#3 (Output)
Open	Active
"H"Level	Active
"L"Level	High Z(Oscillation Stopped)

*Specifications described are subject to change without notice for improvement.