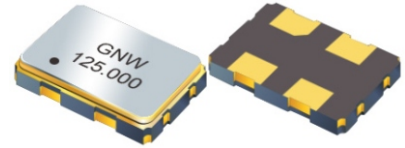


5.0×3.2 SMD Oscillator



APPLICATIONS

- Multimedia / ADSL / WLAN
- PCI-E/ Wearable Devices
- Graphics/ HDTV/ RF Devices

FEATURE

- Miniature 5.0×3.2mm/ Ceramic Package
- Low Power Consumption
- Tri-state available
- Tight Tolerance and Stability
- Reflow Soldering/Emboss Taping

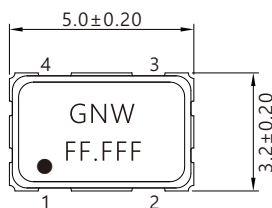


Electrical Specifications 电气参数

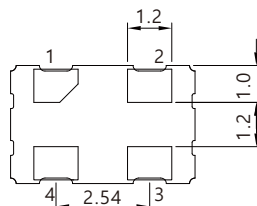
项目	Item/Type	Electrical Specifications		
频率范围	Frequency Range	1MHz to 160MHz		
总频差	Frequency Stability	±20ppm to ±50ppm		
工作温度范围	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C or -40°C ~ +105°C		
输入电压	Power Supply Voltage	1.8V DC ±10%	2.5V DC ±10%	3.3V DC ±10%
消耗电流	Current Consumption	1MHz~20MHz=2.5mA max.	1MHz~20MHz=5mA max.	1MHz~20MHz=6mA max.
		21MHz~40MHz=6mA max.	21MHz~40MHz=7mA max.	21MHz~40MHz=10mA max.
		41MHz~60MHz=8mA max.	41MHz~60MHz=12mA max.	41MHz~60MHz=18mA max.
		61MHz~75MHz=10mA max.	61MHz~75MHz=14mA max.	61MHz~75MHz=22mA max.
		76MHz~100MHz=12mA max.	76MHz~100MHz=23mA max.	76MHz~100MHz=25mA max.
		101MHz~125MHz=15mA max.	101MHz~125MHz=26mA max.	101MHz~125MHz=28mA max.
		126MHz~160MHz=20mA max.	126MHz~160MHz=35mA max.	126MHz~160MHz=40mA max.
		5V DC ±10%		
		1MHz~36MHz=8mA max.	37MHz~70MHz=20mA max.	71MHz~160MHz=55mA max.
输出波形	Output Type	CMOS		
输出负载	Output Load	15pF, or specify		
占空比	Symmetry	45% to 55%		
输出电压	Output Voltage Level	VOL: 10%Vcc max. / VOH: 90%Vcc min.		
上升/下降时间	Rise/Fall Time	5ns max.		
启动时间	Start-up Time	5ms max.		
相位抖动	Phase Jitter	1ps max.@12KHz to 20MHz		
储存温度范围	Storage Temperature Range	-55°C ~ +125°C		
年老化率	Aging (at 25°C)	±3ppm/year max.		

Mechanical Dimensions 外型尺寸

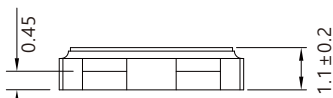
Units:mm



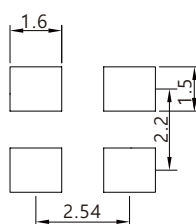
Top View



Bottom View



Side View



Land Pattern

Terminal	Connection
#1	Tri-state or N.C
#2	GND
#3	Output
#4	Vcc

Tri-state Function	
Tri-state pin	Output
High or Floating	Active
Low	Hi-Impedance