

Half Size(8PIN) Oscillator



APPLICATIONS

- Test equipment/ Avionics
- Smart grids/ Inverters
- Electronic instruments

FEATURE

- 1MHz to 180MHz
- CMOS output
- 5V / 3.3V operating voltage
- Low phase noise and jitter
- Tri-state available

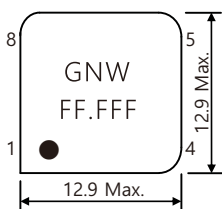


Electrical Specifications 电气参数

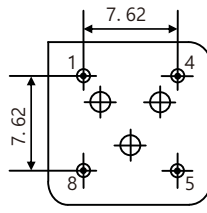
项目	Item/Type	Electrical Specifications	
频率范围	Frequency Range	1MHz to 180MHz	
总频差	Frequency Stability	±20ppm to ±50ppm	
工作温度范围	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C	
输入电压	Power Supply Voltage	3.3V DC ±10%.	5.0V DC ±10%.
消耗电流	Current Consumption	1MHz~40MHz=20mA max.	1MHz~40MHz=25mA max.
		40MHz~80MHz=40mA max.	40MHz~80MHz=60mA max.
		80MHz~180MHz=60mA max.	80MHz~180MHz=80mA max.
输出波形	Output Level	CMOS	
输出负载	Output Load	15pF, or specify	
占空比	Symmetry	40% to 60%	
输出电压水平	Output Voltage Level	VOL: 20%Vcc max. / VOH: 80%Vcc min.	
上升/下降时间	Rise/Fall Time	5ns max.	
启动时间	Start-up Time	10ms max.	
储存温度范围	Storage Temperature Range	-55°C ~ +125°C	
老化率	Aging (at 25°C)	±3ppm/year max.	

Mechanical Dimensions 外型尺寸

Units:mm

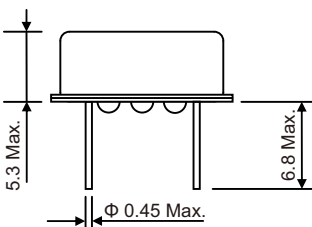


Top View



Bottom View

Terminal	Connection
#1	Tri-state or N.C
#4	GND
#5	Output
#8	Vcc



Side View

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