

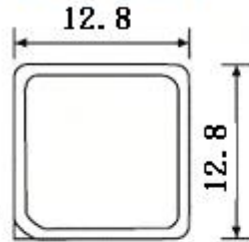
压控晶体振荡器 (VCXO)

■ 技术指标:

指标名称 PARAMETER		值和单位 Value and Unit	条 件 conditions
标 称 频 率 Nominal Frequency		1.000 - 200.00MHz	25℃
频率稳定度 Frequency stability	温度稳定度 VS Temperature	$\leq \pm 25\text{ppm}$	-20℃~+70℃
	老化率 Aging	$\leq \pm 50\text{ppm}$	-40℃~+85℃
	频率准确度 Calibration frequency	$\leq \pm 3.0\text{ppm}$	First year
	频率准确度 Calibration frequency	$\leq \pm 25\text{ppm}$	V _{CON} = 2.5V
电调 Frequency control	压控电压: Voltage Controlled	2.5V ± 2.5V	VCC=12.0V
	压控频率 Pullability	±100ppm min	1.25V ± 1.25V
	线性度 Linearity	10% max	
	调节斜率 Slope	正 Positive	
输出 Out signal	波形 wave	HCMOS	
	幅度 level	VOH:4.5V min VOL:0.5V max	VCC=12.0V
	负载 load	15pF-50pF	
	占空比 Duty cycle	45%~55%	
	上升沿/下降沿 Rise/Fall time	5ns/5ns	20%~80%
电源 Power	供电电压 Power Supply	+12.0 × (1 ± 5%) V	
	工作电流 Current consumption	≤45mA	+2.5 × (1 ± 5%) V
温度范围 Temperature Range	工作温度 Operating temperature	-40℃~+85℃	
	储藏温度 Storage temperature	-55~125℃	
Package	外形尺寸(max) Outside measurement	12.8 × 12.8 × 5.0	mm

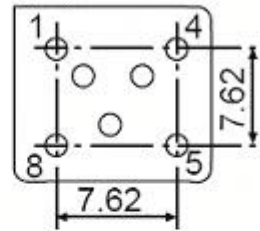
Package:

[TOP VIEW]

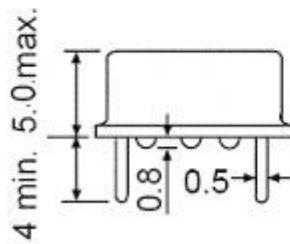


Pin 1 Symbol

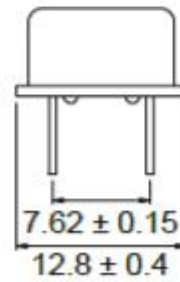
[BOTTOM VIEW]



[SIDE VIEW]



UNIT : mm



Recommended soldering pattern

引脚定义:

引脚	定义
1	压控 V _{CON}
2	电源负/地 GND
3	频率输出 OUT
4	电源正 VCC