



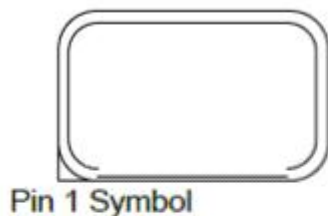
压控晶体振荡器 (VCXO)

■ 技术指标:

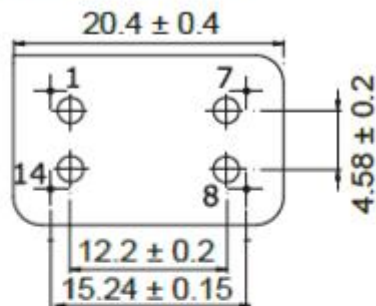
指标名称 PARAMETER		值和单位 Value and Unit	条 件 conditions
标 称 频 率 Nominal Frequency		1.000 - 200.00MHz	25℃
频率稳定度 Frequency stability	温度稳定度 VS Temperature	$\leq \pm 25\text{ppm}$	-20℃~+70℃
		$\leq \pm 50\text{ppm}$	-40℃~+100℃
	年老化率 Aging	$\leq \pm 3.0\text{ppm}$	First year
	频率准确度 Calibration frequency	$\leq \pm 25\text{ppm}$	VC=VCC/2
电调 Frequency control	压控电压: Voltage Controlled	1.25V $\pm$ 1.25V	VCC=2.5V
	压控频率 Pullability	$\pm 100\text{ppm min}$	1.25V $\pm$ 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:2.25V min VOL:0.25V max	VCC=2.5V
	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	+2.5 $\times$ (1 $\pm$ 5%) V	
	工作电流 Current consumption	$\leq 15\text{mA}$	+2.5 $\times$ (1 $\pm$ 5%) V
温度范围 Temperature Range	工作温度 Operating temperature	-20℃~+70℃	
	储藏温度 Storage temperature	-55~125℃	
Package	外形尺寸(max) Outside measurement	20.4 $\times$ 12.8 $\times$ 5.5	mm

Package:

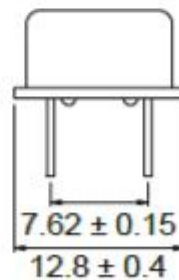
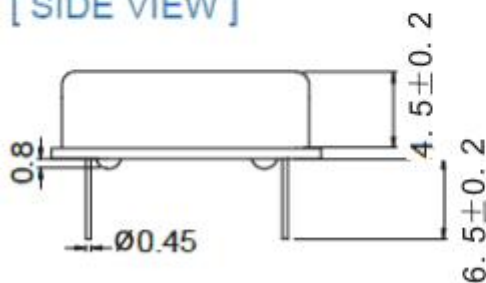
[TOP VIEW]



[BOTTOM VIEW]



[SIDE VIEW]



UNIT : mm

Recommended soldering pattern

引脚定义:

引脚	定义
1	压控 V _{CON}
7	电源负/地 GND
8	频率输出 OUT
14	电源正 VCC