

温补晶体振荡器TCX0-2.097152MHZ

Features

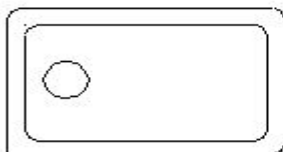
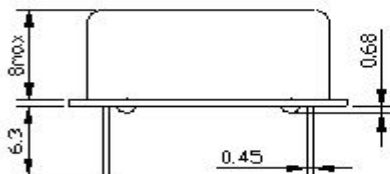
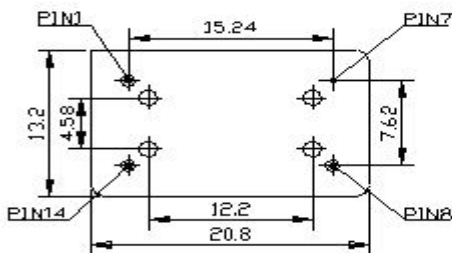
- voltage (3.3V~5.0V)
- Output Waveform (CMOS/TTL)
- Supports a WIDE FREQUENCY RANGE 2.097152MHZ
- Versus Temperature Range: 1.0ppm~2.5ppm
- Compact with dimensions of 20.8×13.5×8mm 12.8*12.8*7mm



Specifications

项目Item	技术Specifications			备注Remarks		
频率范围	2.097152MHZ			Fundamental AT-Cut PPL		
工作温度	-10℃ to 60℃	-40℃ to 85℃				
频率温度特性	±0.5PPM	±1.5PPM				
电源电压	5.0Vdc ±5% or 3.3Vdc ±5%					
电源电流	5mA Max		Clippde Sine			
	20mA Max		TTL/CMOS			
老化率	±1.0PPM		per Year			
频率稳定性	±0.2PPM		Vcc ±5% (25℃)			
Jitter (抖动)	3ps		RMS Noise			
Allan Variance	3PPB					
Phase Noise (相位噪声)	100Hz	-100dBc/Hz				
	1KHz	-130dBc/Hz				
	10KHz	-140dBc/Hz				
	100KHz	-145dBc/Hz				
输出, 负载特点	A	Output Waveform	TTL	CMOS	Clippde Sine	
	B	Output Levels	TTL	CMOS	1V pkTO pk	
	C	Duty Cycle	50% ±10%	50% ±10%	-	
	D	Rise/Fall Time	5ns	5ns	-	
	E	Load	10TTL	15pF	10K Ω //10pF	
Frequency Adjustment	±1PPM Min					

Dimensions



PIN	FUNCTION
1	Vcon/NC
7	GND
8	Output
14	Power Supply