

温补晶体振荡器TCX0-1.000MHZ

Features

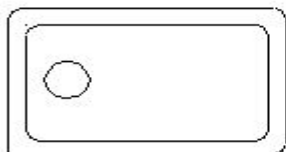
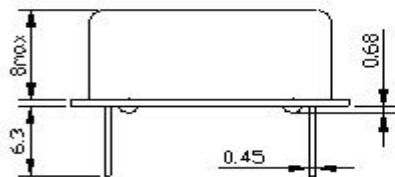
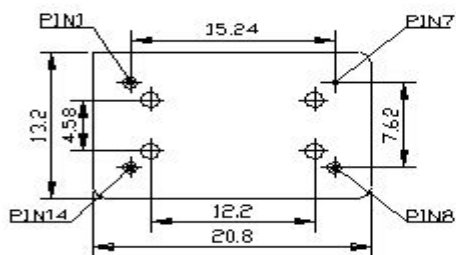
- voltage(3.3V~5.0V)
- Output Waveform(CMOS/TTL)
- Supports a WIDE FREQUENCY RANGE1.000MHZ
- Versus Temperature Range:1.0ppm~2.5ppm
- Compact with dimensions of 20.8×13.5×8mm 12.8*12.8*7mm



Specifications

项目Item			技术Specifications			备注Remarks
频率范围			1. 000MHZ			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