

温补晶体振荡器TCX0100KHz

Features

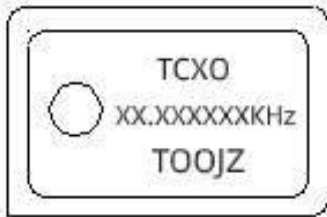
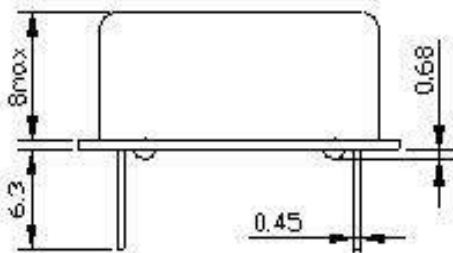
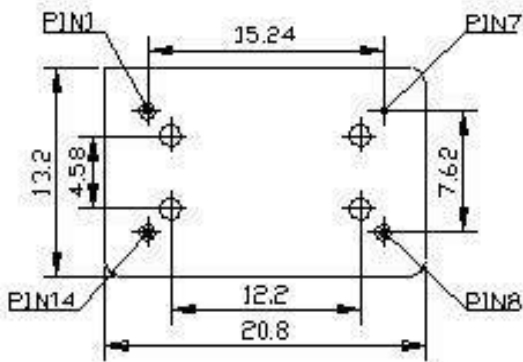
- voltage (3.3V~5V)
- Output Waveform (CMOS/TTL)
- Supports a WIDE FREQUENCY RANGE (100KHz)
- Versus Temperature Range: 0.5ppm~1.5ppm
- Compact with dimensions of 20.8×13.2×8mm



Specifications

项目Item	技术Specifications		备注Remarks
频率范围	100KHz		Fundamental AT-Cut
初始稳定度	≤±0.5PPM		(25°C±3°C)
工作温度	-20°C to 70°C	-40°C to 85°C	
频率温度特性	≤±0.5PPM	≤±1.5PPM	
电源电压	3.3Vdc	5.0Vdc	±5%V
电源电流	≤20MA	≤30MA	
储存温度	-55°C to 125°C		
老化率	第一年	10年	per Year
	≤1PPM	≤5PPM	
频率稳定性	±0.2PPM		Vcc±5%(25°C)
起动时间	≤5MS		
输出特性	方波	正弦波	
	15PF, duty: 50±5% VOH≥90VDD VOH≤0.1VDD	50Ω P≥3dbm VPP≥1V	
脚距 (mm)	15.24×7.62		(±0.2)
尺寸 (mm)	20.8×13.2×8 (DIP14)		
频率调节	机械调	电调 (VC)	
	≥5PPM	≥8PPM	

■ Dimensions



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

■ Test Circuit

