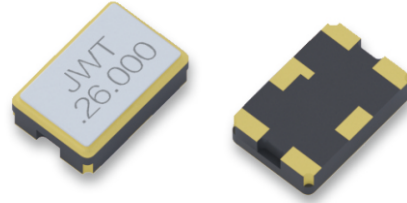


## 特点 Features

标准的2.5\*2.0表面贴装形式  
 温度补偿晶体振荡器  
 电源电压1.8 ~ 3.3V  
 包装：每卷3000PCS

Typical 2.5 × 2.0mm SMD package  
 Temperature Compensated Quartz Crystal Oscillators  
 Supply Voltage: 1.8 V ~ 3.3 V.  
 Packing: Tape&Reel, 3000 pcs per Reel



## 标准规格 Electronic Specification

型号 Type	TCXO 2520	
频率范围 Frequency Range	13 ~ 52 MHz	
输出类型 Output Type	Clipped Sinewave	
输出负载 Output Load	10KΩ //10 pF	
振荡模式 Oscillation Mode	Fundamental	
供电电压 Supply Voltage	1.8 ~ 3.3 V	
输出电压 Clipped Sinewave Output Voltage	0.8 Vp-p typical	
频率稳定性 Frequency Stability	Vs. Temperature (−30 ~ +85 ° C)	± 0.5/ ± 2.0 ppm
	Vs. Load ( Load varies ± 10 % )	± 0.2 ppm Max.
	Vs. Supply Voltage (Vcc = Typical ± 0.1 V)	± 0.2 ppm Max.
频率容限 Frequency Tolerance	at 25 ° C after 2 Reflows with Typical Applied to Auto Frequency Control Pin	
频率漂移 Slope of Frequency Drift	± 0.1 ppm / ° C Typical; ± 0.5 ppm / ° C Max.	
储存温度范围 Storage Temperature Range	−40 ~ +85 ° C	
自动频率控制范围 Auto Frequency Control (AFC) Range	± 7 – ± 16 ppm (1.4 ± 1V)	
电源电流 Supply Current	2.0 mA Max.	
启动时间 Start-up Time	5 ms Max.	
谐波 Harmonics	−5 dBc Max.	
相位噪声 Phase Noise at 1 kHz offset	−130dBc/Hz	
老化 Aging ( at 25 ° C )	± 1 ppm / first year Max.	

## 外型尺寸 Outline Dimensions(Unit:mm)

