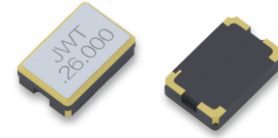


特点 Features

标准的1.6*1.2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

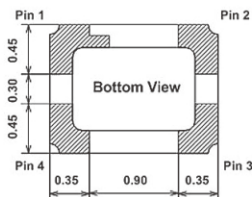
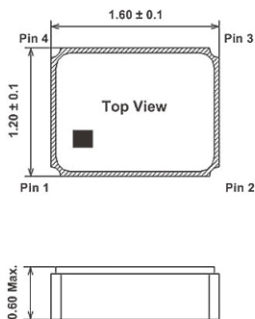
Typical 1.6 × 1.2mm SMD package
 Temperature Compensated Quartz Crystal Oscillators
 Supply Voltage: 1.8 V ~ 3.3 V.
 Packing:Tape&Reel,3000 pcs per Reel



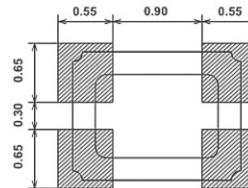
标准规格 Electronic Specification

| | | |
|--|--|------------------|
| 型号 Type | TCXO 1612 | |
| 频率范围 Frequency Range | 26 ~ 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 V _{p-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 | ± 2.5 ppm Max. |
| 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)



Recommended Land Pattern



Pin Connection

| Name | Connection |
|-------|------------|
| Pin 1 | AFC or GND |
| Pin 2 | GND |
| Pin 3 | OUTPUT |
| Pin 4 | VCC |