

2.5×2.0mm SMD TCXO



Features

- Temperature Stability: $\pm 0.5\text{PPM} \sim \pm 2.0\text{PPM}$
- Operating Temperature Range: $-30^\circ\text{C} \sim 85^\circ\text{C}$
- Supply Voltage: $1.8\text{V} \sim 3.3\text{V}$
- Voltage Control Function Available
- World's Thinnest Package
- Frequencies: $16.367667\text{MHz}, 16.368\text{MHz}, 16.369\text{MHz}, 16.8\text{MHz}, 19.2\text{MHz}, 20\text{MHz}, 26\text{MHz}, 33.6\text{MHz}, 38.4\text{MHz}, 40\text{MHz}$
- Applications: GPS, WIMAX, Cellular and Wireless Communications
- RoHS Compliant / Pb Free

技术参数 · PARAMETERS

| | | |
|---|----------|--|
| 频率范围 Frequency Range | MHz | 13.0MHz ~ 50.0MHz |
| 频率偏差 Frequency Calibration | PPM | $\pm 2.5\text{PPM}$ |
| 频率稳定性 Vs. Temperature ($-30^\circ\text{C} \sim 85^\circ\text{C}$) | PPM | $\pm 0.5\text{PPM} / \pm 2.0\text{PPM}$ |
| 频率稳定性 Vs. Load (Load varies $\pm 10\%$) | PPM | $\pm 0.2\text{PPM}$ max |
| 频率稳定性 Vs. Supply Voltage (Vcc=Typical $\pm 0.1\text{V}$) | PPM | $\pm 0.2\text{PPM}$ max |
| 频率自动搜索 Auto Frequency Control (AFC) Range | PPM | $\pm 7 \sim \pm 16\text{PPM/V}$ |
| 工作温度 Operating Temperature Range ToPR | °C | $-30^\circ\text{C} \sim 85^\circ\text{C}$ |
| 储存温度 Storage Temperature Range TSTG | °C | $-55^\circ\text{C} \sim 125^\circ\text{C}$ |
| 输入电压 Power supply Voltage | % | 1.8~3.3V |
| 消耗电流 Supply current | mA | 2.0mA max |
| 启动时间 Start-up Time | ms | 5ms max |
| 相位噪声 Phase Noise at 1 KHz offset | dBc | -130dBc/Hz |
| 输出电平 Output Voltage | v | 0.8VP-P typical |
| 输出负载 Output load | Pf | 10KΩ // 15PF |
| 年老化率 Aging (First Year) | PPm/Year | $\pm 1\text{PPM}$ |

外形尺寸 · DIMENSIONS(mm)

