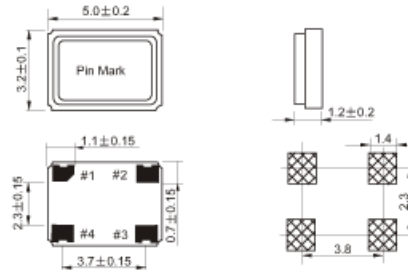
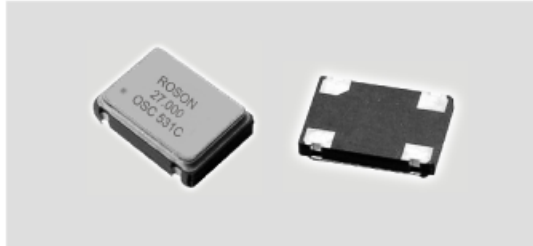


OSC SMD-531C/531L/531T
DIMENSIONS(mm)


C: CMOS 5V
 T: TTL 5V
 L: CMOS 3.3V
 #1: N.S/3-STATE
 #2: GND
 #3: OUTPUT
 #4: VDC

技术条件 · SPECIFICATION

| MODEL | | SMD-531C | SMD-531L | SMD-531T | |
|---------|----------------------|----------|--------------------|----------|---------------------|
| 频率范围 | FREQUENCY RANGE | MHz | 1.0~100 | 1.0~125 | |
| 自定平稳定度 | FREQUENCY STABILITY | ppm | A:±100 B:±50 C:±25 | | |
| 温度范围 | TEMP RANGE: | ℃ | | | |
| 工作温度 | OPERATING TEMP. | | 0~70 | | |
| 储存温度 | STORAGE TEMP. | | -55~+125 | | |
| 电压 | POWER SUPPLY VOLTAGE | VDC | +5.0±10% | +3.3±10% | +5.0±10% |
| 输出水平 | OUTPUT LEVEL | | CMOS | | TTL |
| 占空比 | OUTPUT SYMMETRY | % | 40~60 (at50%VDC) | | 40~60 (at 1.4 VDC) |
| 输入电流 | INPUTCURRENT | | | | |
| | 10~9.99MHz | ma max | 10 | 7 | 15 |
| | 10~19.99MHz | | 15 | 7 | 20 |
| | 20~31.99MHz | | 25 | 12 | 30 |
| | 32~49.99MHz | | 35 | 20 | 40 |
| | 50~79.99MHz | | 50 | 25 | 50 |
| | 80~99.99MHz | | 60 | 30 | 60 |
| | 100~125MHz | | 80 | 40 | 80 |
| 上升和下降时间 | RISE/FALL TIME | | | | |
| | 10~9.99MHz | ns max | 15 | 20 | 15 |
| | 10~19.99MHz | | 15 | 15 | 15 |
| | 20~31.99MHz | | 10 | 10 | 8 |
| | 32~49.99MHz | | 6 | 10 | 5 |
| | 50~79.99MHz | | 5 | 8 | 5 |
| | 80~99.99MHz | | 5 | 5 | 5 |
| | 100~125MHz | | 4 | 4 | 4 |
| 输出负载 | OUTPUT LOAD | | 15pF | 10TTL | |

测试原理图与输出波形图 · TEST CIRCUIT AND OUTPUT WAVE
SOLDERING REFLOW PROFILE
