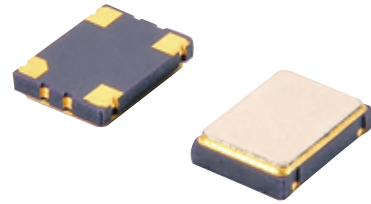


5x7 SMD OSCILLATOR(HCMOS/TTL)

Part Number Guide

T-V-S-FF.FFFM- FS-OT-OP

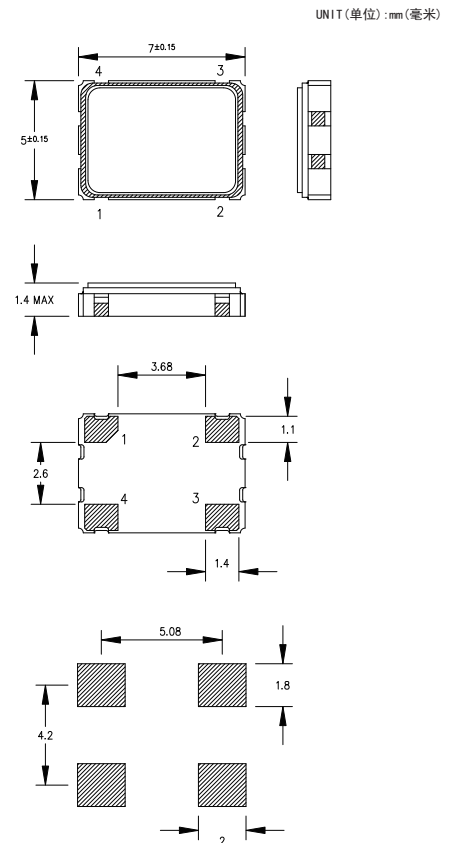
- T (Type型号): 0F=5×7×1.4mm Max ceramic osc(side pad)
- V (Input Voltage输入电压): 1.8=1.8V 2.5=2.5V 2.85=2.85V 3=3.3V 5=5.0V, etc
- S (Symmetry占空比): 5=45/55 Max 6=40/60 Max
- F (Frequency标称频率): Normal - 5 digitals of Frequency, e.g. 8.0000M, 12.000M
 Special - All digitals of Frequency, e.g. 13.225625M
- FS (Frequency Stability总频差): 50=±50 ppm, etc
- OT (Operating Temperature工作温度): 0070= 0°C to +70°C 4085= -40°C to +85°C, etc
- OP (Output输出): 1=15PF HCMOS 2=10TTL 3=30PF 4=50PF 5=10TTL/15PF
- A (Automotive车载应用)



Electrical Specifications 电气参数

| Item 项目 | Spec 规格 | | Condition 条件 |
|----------------------------------|----------------------------|------|---|
| Frequency Range 频率范围 | 0.032768MHz 1MHz~156.25MHz | | For further questions regarding specifications, please feel free to contact us. 对于超出标准的规格, 请联系我们 |
| Operating Voltage 工作电压 (V) | 1.8V~5.5V | | |
| Output Waveform 输出波形 | HCMOS 方波 | | |
| Output Load 输出负载 | 15pF | | |
| Symmetry (Duty Cycle) 占空比 (%) | 45~55 | | |
| Rise/Fall Time 上升/下降时间 (ns) | 32.768KHz | <100 | 0.1V _{dd} →0.9V _{dd} |
| | 1~10MHz | <10 | |
| | 10~40MHz | <6 | |
| | 40~156.25MHz | <3 | |
| Current Consumption 消耗电流 (mA) | 32.768KHz | <0.1 | 3.3V, 无负载 3.3V, No Load |
| | 1~40MHz | <5 | |
| | 40~60MHz | <10 | |
| | 60~100MHz | <20 | |
| | 100~156.25MHz | <30 | |

Mechanical Dimensions 外型尺寸



| PIN | FUNCTION |
|-----|------------------|
| 1 | N/C or Tri-state |
| 2 | Ground |
| 3 | Output |
| 4 | V _{dd} |