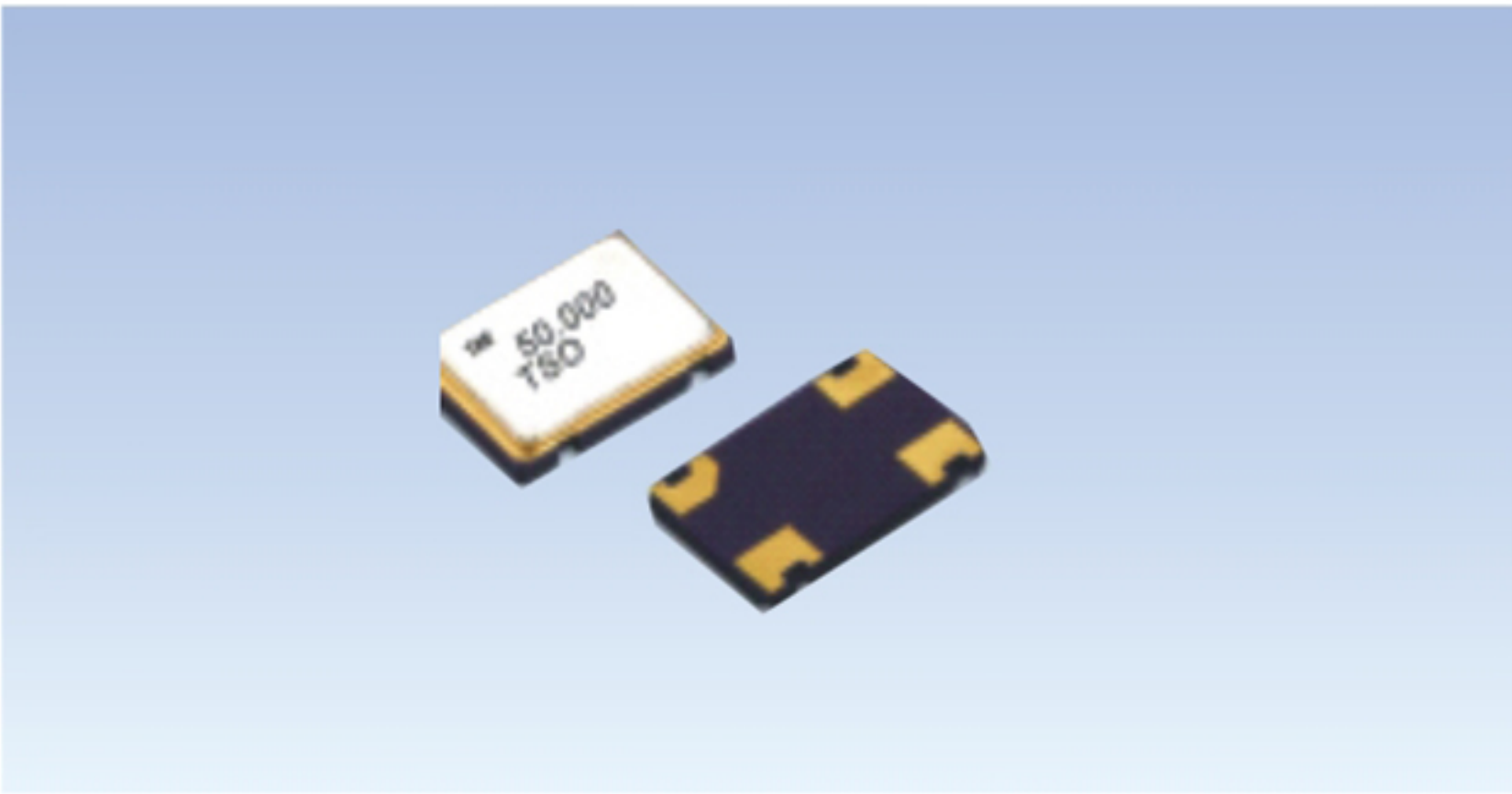


## ■ 特性 (FEATURES)

- Miniature package微型封装:5 × 3.2 × 1.3mm
- Tri-state enable/disable:三态输出
- TTL/HCOMS compatible:TTL/HCOMS兼容
- 3.3v input voltage:3.3v 输入电压



## ■ 标准规格 (STANDARD SPECIFICATION)

| Item                                    | Model | TXO-7050A                                 | TXO-7050B                 | TXO-7050C                 |
|-----------------------------------------|-------|-------------------------------------------|---------------------------|---------------------------|
| 频率范围 (Frequency Range ( MHz ) )         |       | 1MHz~125.000MHz                           |                           |                           |
| 频率误差 (Frequency stability)              |       | ± 25ppm, ± 50ppm, ± 100ppm(all condition) |                           |                           |
| 工作温度范围 (Operating in Temperature Range) |       | 0~+70℃ ( -40℃~85℃ )                       |                           |                           |
| 储存温度范围 (Storage Temperature Range)      |       | (-55℃~+125℃)                              |                           |                           |
| 输入电压 (Power supply voltage)             |       | 2.5V ± 10%                                | 3.3V ± 10%                | 5.0V ± 10%                |
| 年老化率 (Aging)                            |       | ± 5ppm ( 25℃ ± 3℃ )                       |                           |                           |
| 消耗电流 (Current consumption)              |       | 12mA Max(1 to 23.999MHz)                  | 15mA Max(1 to 23.999MHz)  | 20mA Max(1 to 23.999MHz)  |
|                                         |       | 15mA Max(24 to 49.999MHz)                 | 20mA Max(24 to 49.999MHz) | 30mA Max(24 to 49.999MHz) |
|                                         |       | 20mA Max(50 to 69.999MHz)                 | 30mA Max(50 to 69.999MHz) | 40mA Max(50 to 69.999MHz) |
|                                         |       | 30mA Max(70 to 125MHz)                    | 45mA Max(70 to 125MHz)    | 60mA Max(70 to 125MHz)    |
| 占空比 (Symmertry)                         |       | 40/60% ( 45/55%Option)(At 1/2VDD)         |                           |                           |
| 上升时间 (Rise time)                        |       | 7ns Max(10%VDD ~ 90%VDD)                  | 8ns Max(10%VDD ~ 90%VDD)  | 5ns Max(10%VDD ~ 90%VDD)  |
| 下降时间 (Fall time)                        |       | 7ns Max(90%VDD ~ 10%VDD)                  | 8ns Max(90%VDD ~ 10%VDD)  | 5ns Max(90%VDD ~ 10%VDD)  |
| 输出电压 (Output voltage)                   |       | 90% VDD min                               |                           |                           |
|                                         |       | 10% VDD max                               |                           |                           |
| 输出电容 (Output load HCOMS Load)           |       | 30pF Max(15pF typ)                        |                           |                           |
| 起振时间 (Start-up time)                    |       | 10ms max                                  |                           |                           |
| 引脚功能 (Pin1,tri-state function)          |       | pin1=H or open...output active at pin3    |                           |                           |
|                                         |       | pin1=L...High impedance at pin3           |                           |                           |

## ■ MECHANICAL DIMENSIONS (mm)

