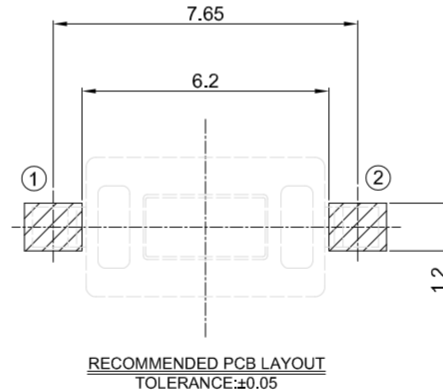
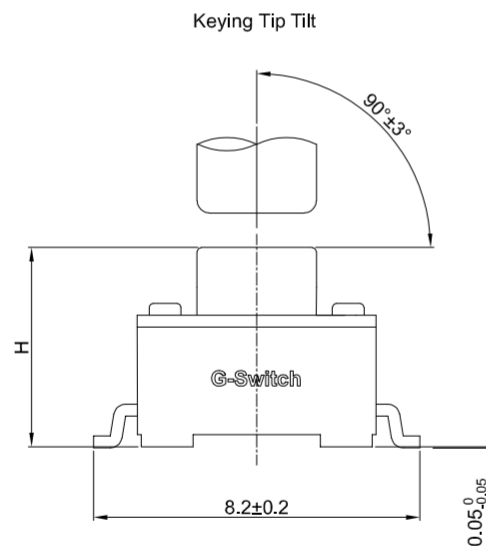
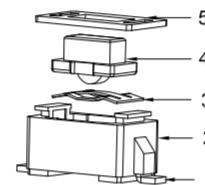
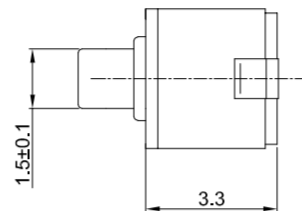
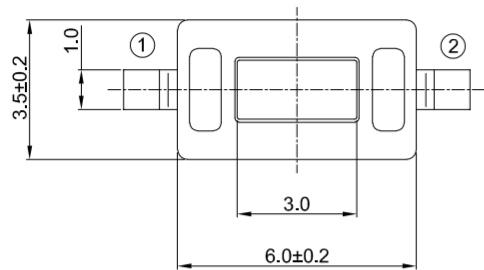


## GT-TC057X-HXXX-LX

G-Switch

### Operating Force

A=160gf  
B=250gf  
C=100gf

### Switch Height (mm)

H375=3.75  
H043=4.30  
H050=5.00

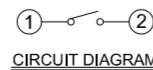
### Switch Lifetime (Force)

L1=100,000 Cycles

### G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA.12V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100mΩ max.
6. Travel: 0.25±0.1mm

|     |           |                          |             |
|-----|-----------|--------------------------|-------------|
| 5   | STEM      | HIGH TEMPERATURE PLASTIC | BLACK/WHITE |
| 4   | COVER     | STAINLESS STEEL          | --          |
| 3   | CONTACT   | STAINLESS STEEL          | Ag PLATING  |
| 2   | TERMINAL  | COPPER ALLOY             | Ag PLATING  |
| 1   | BASE      | HIGH TEMPERATURE PLASTIC | BLACK/WHITE |
| NO. | PART NAME | MATERIAL                 | REMARK      |



|                                                                                         |          |                                                |         |          |            |
|-----------------------------------------------------------------------------------------|----------|------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                              | UNIT: mm | Title: Vertical Tact Switch<br>SMT 6.0×3.5×Hmm |         |          |            |
| SIZE: A4                                                                                |          | Molde Code: GT-TC057X-HXXX-LX                  |         |          |            |
| Unless otherwise<br>General Tolerance:<br>X. ±0.40<br>X.x ±0.30<br>X.xx ±0.20<br>X* ±3° |          | DRAWN                                          | CHECKED | APPROVED | DATE       |
|                                                                                         |          | Jiang                                          | Xia     | Chen     | 2025.02.20 |
|                                                                                         |          | REV: A0                                        |         |          |            |
|                                                                                         |          | SHEET: 1/1                                     |         |          |            |

