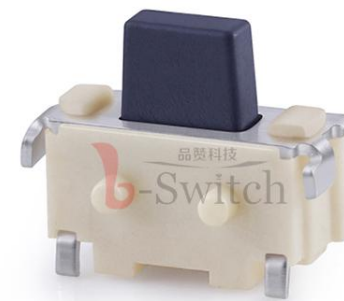
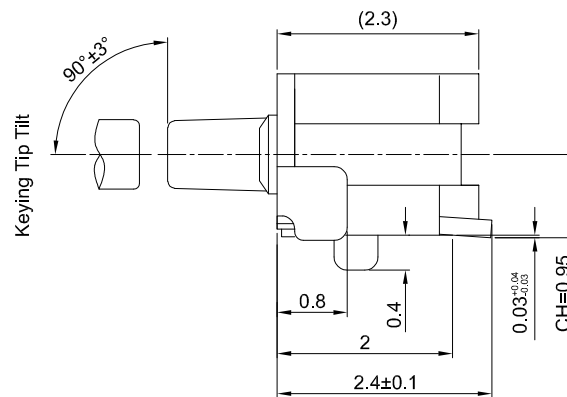
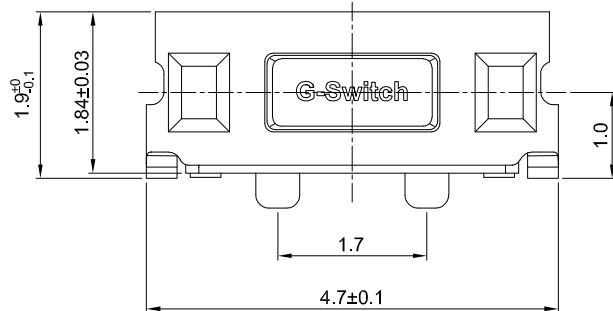




## GT-TC018X- HXXX - LX

G-Switch

Operating Force

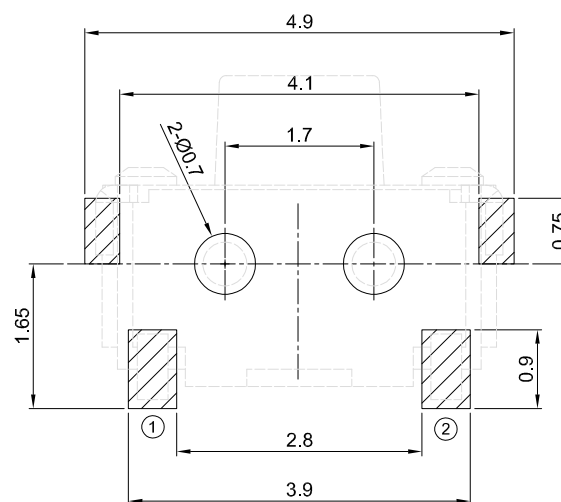
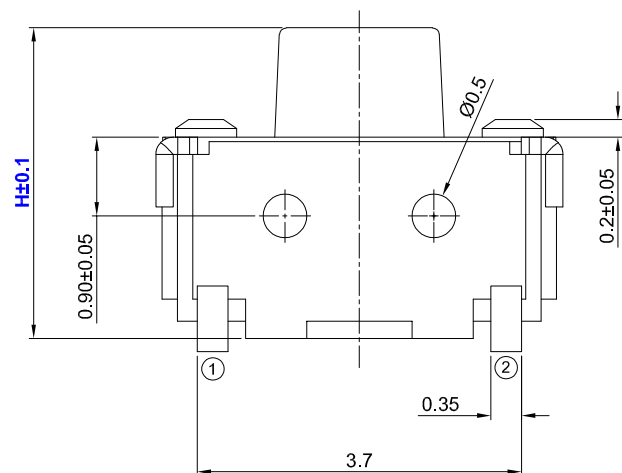
A=160gf  
B=250gf  
C=100gf  
D=360gf  
E=130gf

Switch Height (mm)

H035=3.50  
H0375=3.75

Switch Lifetime

L05=50,000 Cycles  
L1=100,000 Cycles

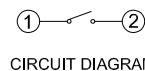


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

### G-Switch Specification:

- Operating temperature range: -40°C ~ +85°C
- Rating: 50mA, 12V DC
- Insulation resistance: 100MΩ min, 100V DC
- Dielectric strength: 250V AC for 1 min
- Contact resistance: 100mΩ max.
- Travel: 0.20±0.1mm

|     |           |                          |            |
|-----|-----------|--------------------------|------------|
| 5   | COVER     | PHOSPHOR BRONZE          | Ag PLATING |
| 4   | BUTTON    | HIGH TEMPERATURE PLASTIC | BLACK      |
| 3   | CONTACT   | STAINLESS STEEL          | Ag PLATING |
| 2   | TERMINAL  | PHOSPHOR BRONZE          | Ag PLATING |
| 1   | BASE      | HIGH TEMPERATURE PLASTIC | WHITE      |
| NO. | PART NAME | MATERIAL                 | REMARK     |



CIRCUIT DIAGRAM



|                                                                                         |          |                                                            |         |          |            |
|-----------------------------------------------------------------------------------------|----------|------------------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                              | UNIT: mm | Title: Horizontal Tact Switch<br>Right CH=0.95 4.7×1.9×Hmm |         |          |            |
| SIZE: A4                                                                                |          | Molde Code: GT-TC018X-HXXX-LX                              |         |          |            |
| Unless otherwise<br>General Tolerance:<br>X. ±0.30<br>X.x ±0.20<br>X.xx ±0.15<br>X* ±3° |          | DRAWN                                                      | CHECKED | APPROVED | DATE       |
|                                                                                         |          | Jiang                                                      | Xia     | Chen     | 2024.11.14 |
|                                                                                         |          |                                                            |         |          |            |



REV: A1 SHEET: 1/1