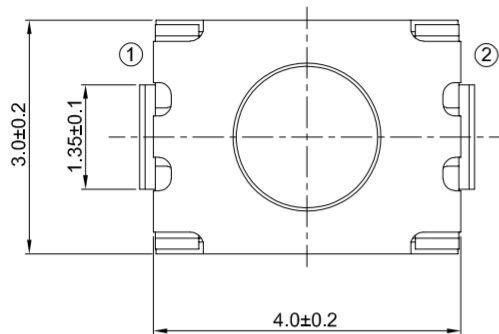


GT-TC031X-HXXX-LX N

G-Switch

Operating Force

A=160gf  
B=250gf  
C=100gf  
D=400gf

DETAIL

A=Base With Pilot  
N=Non Pilot

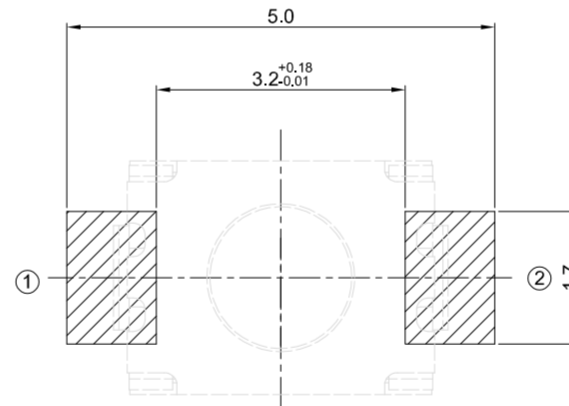
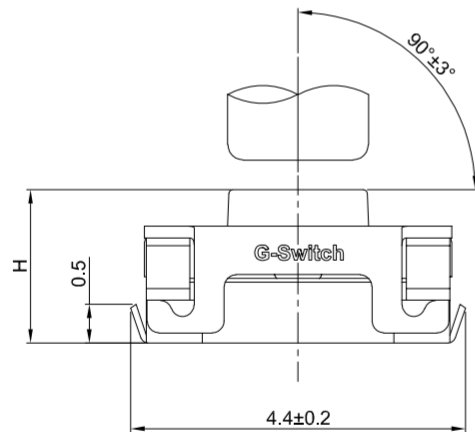
Switch Height (mm)

H018=1.8 (PPA)  
H020=2.0 (PPA)  
H025=2.5 (PPA)  
H030=3.0 (PPA)  
H040=4.0 (C2680)

Switch Lifetime (Force)

L1=100,000 Cycles

Keying Tip Tilt

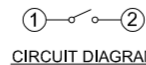


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

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: 0.2±0.1mm

|     |           |                          |                      |
|-----|-----------|--------------------------|----------------------|
| 5   | TERMINAL  | COPPER ALLOY             | Ag PLATING           |
| 4   | STEM      | PPA/C2680                | --                   |
| 3   | TAPE      | POLYIMIDE                | YELLOW (TRANSPARENT) |
| 2   | CONTACT   | STAINLESS STEEL          | Ag PLATING           |
| 1   | CASE      | HIGH TEMPERATURE PLASTIC | --                   |
| NO. | PART NAME | MATERIAL                 | REMARK               |



|                                                                                         |          |                                                   |         |          |            |
|-----------------------------------------------------------------------------------------|----------|---------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                              | UNIT: mm | Title: Vertical Tact Switch<br>U Type 4.0×3.0×Hmm |         |          |            |
| SIZE: A4                                                                                |          | Molde Code: GT-TC031X-HXXX-LXN                    |         |          |            |
| 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     | 2025.02.01 |
|                                                                                         |          | REV: A0                                           |         |          |            |
|                                                                                         |          | SHEET: 1/1                                        |         |          |            |

