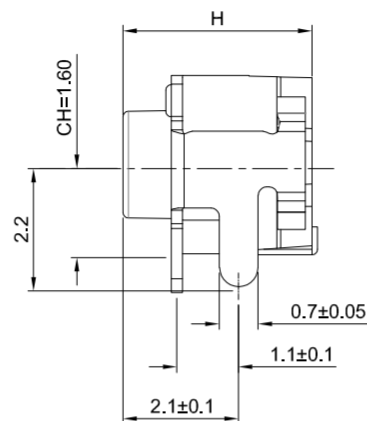
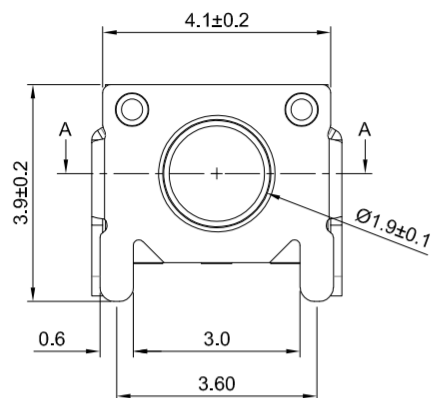


## GT-TA108X-HXXX-LX

G-Switch

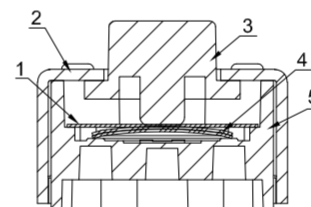
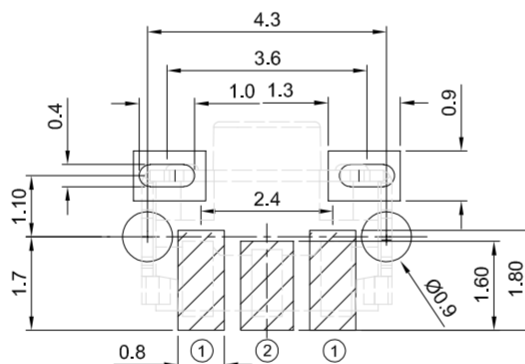
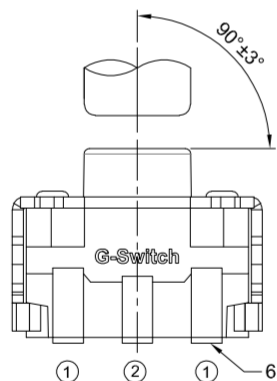
Operating Force

A=160gf  
B=250gf  
C=300gf  
S=160gf(Silent)

Switch Height (mm)  
H034=3.40

Switch Lifetime (Force)  
L1=100,000 Cycles  
L2=200,000 Cycles

Keying Tip Tilt



SECTION A-A

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

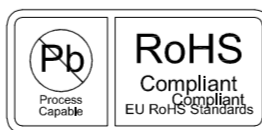
### G-Switch Specification:

- 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

|     |                 |                          |                     |
|-----|-----------------|--------------------------|---------------------|
| 6   | TERMINAL        | COPPER ALLOY             | Ag PLATING          |
| 5   | HOUSING         | HIGH TEMPERATURE PLASTIC | BLACK               |
| 4   | SPRING          | STAINLESS STEEL          | Ag PLATING ONE SIDE |
| 3   | PLASTIC BUTTON  | HIGH TEMPERATURE PLASTIC | WHITE               |
| 2   | COVER PLATE     | COPPER ALLOY             | Ag PLATING          |
| 1   | YELLOW MEMBRANE | HIGH TEMPERATURE PLASTIC | YELLOW              |
| NO. | PART NAME       | MATERIAL                 | REMARK              |



CIRCUIT DIAGRAM



|                                                                                         |          |                                                            |         |          |            |
|-----------------------------------------------------------------------------------------|----------|------------------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                              | UNIT: mm | Title: Horizontal Tact Switch<br>Right CH=1.60 4.1×3.9×Hmm |         |          |            |
| SIZE: A4                                                                                |          | Molde Code: GT-TA108X-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       |
|                                                                                         |          | Jinag                                                      | Xia     | Chen     | 2025.03.15 |
|                                                                                         |          | REV: A0                                                    |         |          |            |
|                                                                                         |          | SHEET: 1/1                                                 |         |          |            |

