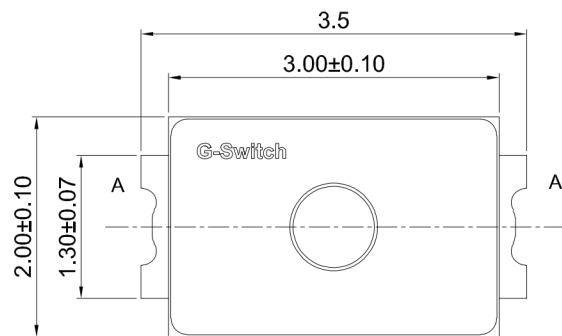
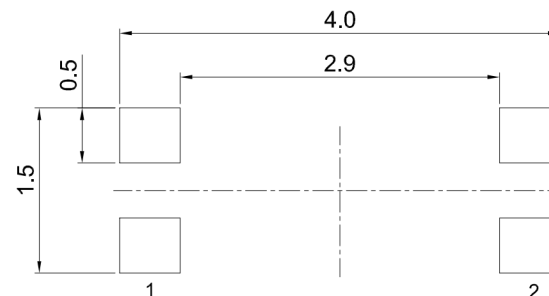
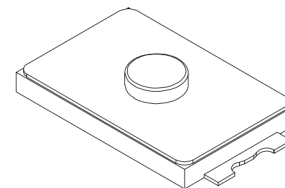
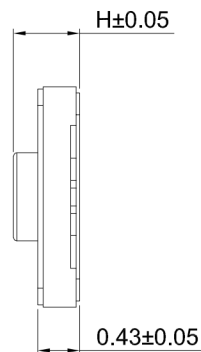
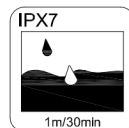


CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



RoHS  
Compliant  
2002/95/EC



## GT-TC024X-H0060-LX

### G-Switch

### Operating Force

A=180gf  
B=250gf  
C=300gf  
E=120gf  
F=100gf  
S=160gf

### Switch Height

H0060=0.60mm

### Switch Lifetime (Force)

L05=50,000 Cycles  
L1=100,000 Cycles  
L3=300,000 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: 0.13±0.05mm
7. Waterproof grade: IPX7

| NO. | PART NAME | MATERIAL                 | REMARK               |
|-----|-----------|--------------------------|----------------------|
| 5   | TERMINAL  | COPPER ALLOY             | Ag PLATING           |
| 4   | STEM      | LCP-130i                 | BLACK                |
| 3   | TAPE      | POLYIMIDE                | YELLOW (TRANSPARENT) |
| 2   | CONTACT   | STAINLESS STEEL          | Ag PLATING           |
| 1   | CASE      | HIGH TEMPERATURE PLASTIC |                      |

|                                                                                                            |          |                                                                |         |          |            |
|------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                                                 | UNIT: mm | Title: Vertical Tact Switch<br>SMT Flat Terminal 3.0×2.0×0.6mm |         |          |            |
| SIZE: A4                                                                                                   |          | Molde Code: GT-TC024X-H0060-LX                                 |         |          |            |
| Unless otherwise<br>General Tolerance:<br>X. ±0.30<br>X.x ±0.20<br>X.xx ±0.15<br>X.xxx ±0.10<br>Angles ±3° |          | DRAWN                                                          | CHECKED | APPROVED | DATE       |
|                                                                                                            |          | Xia                                                            | Chen    | Chen     | 2023.02.01 |
|                                                                                                            |          | REV: A0                                                        |         |          |            |
|                                                                                                            |          | SHEET: 1/1                                                     |         |          |            |

