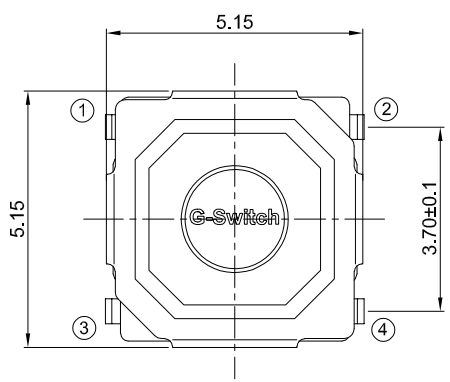


# GT-TD084X-HXXX-LX

G-Switch

Operating Force

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

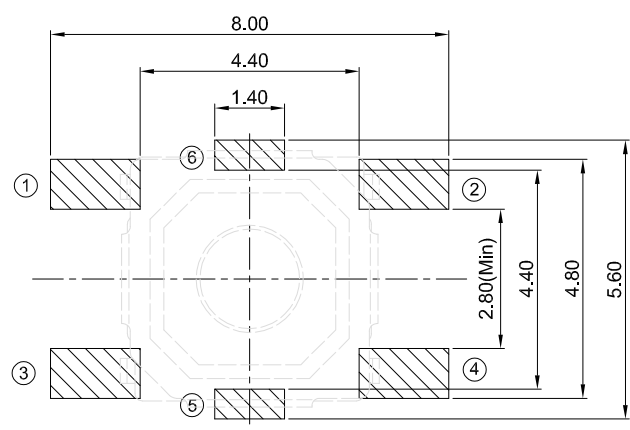
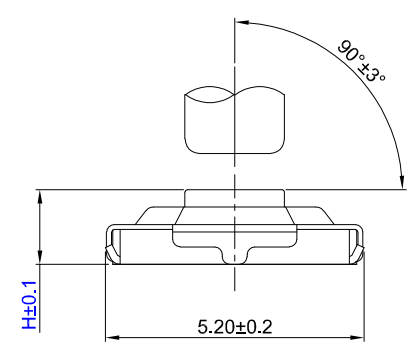
Switch Height(mm)

H015=1.5  
H017=1.7

Switch Lifetime

L1=100,000 Cycles  
L5=500,000 Cycles  
L10=1,000,000 Cycles

Keying Tip Tilt

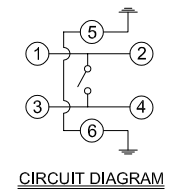


PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05

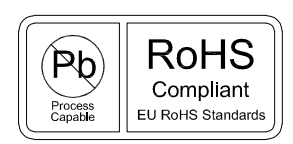
## G-Switch Specification:

- 1.Operating temperature range: -40°C ~ +85°C
- 2.Rating: 50mA.12V DC
- 3.Insulation resistance: 100MQ min,100V DC
- 4.Dielectric strength: 250V AC for 1 min
- 5.Contact resistance: 100mΩ max.
- 6.Travel: 0.2±0.1mm

|     |           |                    |                      |
|-----|-----------|--------------------|----------------------|
| 6   | PLUNGER   | PPA/COPPER ALLOY   | WHTIE/YELLOW         |
| 5   | COVER     | STAINLESS STEEL304 | Tin PLATED           |
| 4   | TAPE      | POLYIMIDE          | YELLOW (TRANSPARENT) |
| 3   | CONTACT   | STAINLESS STEEL301 | Ag PLATED            |
| 2   | BASE      | LCP                | BLACK                |
| 1   | TERMINAL  | COPPER ALLOY       | Ag PLATED            |
| NO. | PART NAME | MATERIAL           | REMARK               |



CIRCUIT DIAGRAM



|                                        |          |                                                     |         |          |            |
|----------------------------------------|----------|-----------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                             | UNIT: mm | Title: Vertical Tact Switch<br>U Type 5.15×5.15×Hmm |         |          |            |
| SIZE: A4                               |          | Molde Code: GT-TD084X-HXXX-LX                       |         |          |            |
| Unless otherwise<br>General Tolerance: |          | DRAWN                                               | CHECKED | APPROVED | DATE       |
|                                        |          | Jiang                                               | Xia     | Chen     | 2025.01.26 |
|                                        |          | REV: A0                                             |         |          |            |
|                                        |          | SHEET: 1/1                                          |         |          |            |

