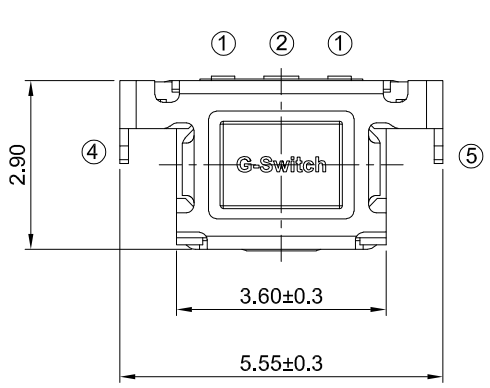
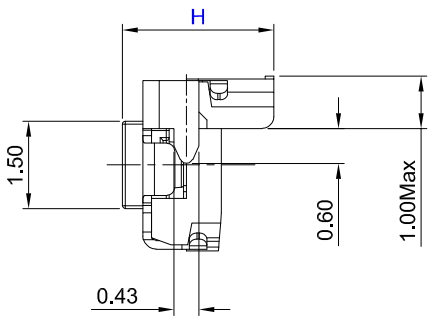





# GT-TB037X-HXXX-LX

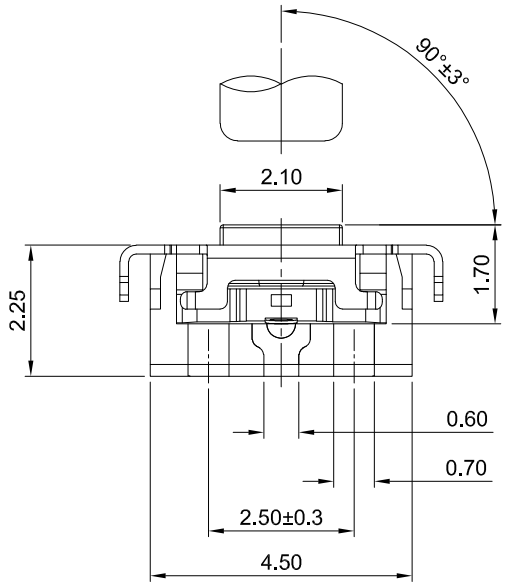
**G-Switch**

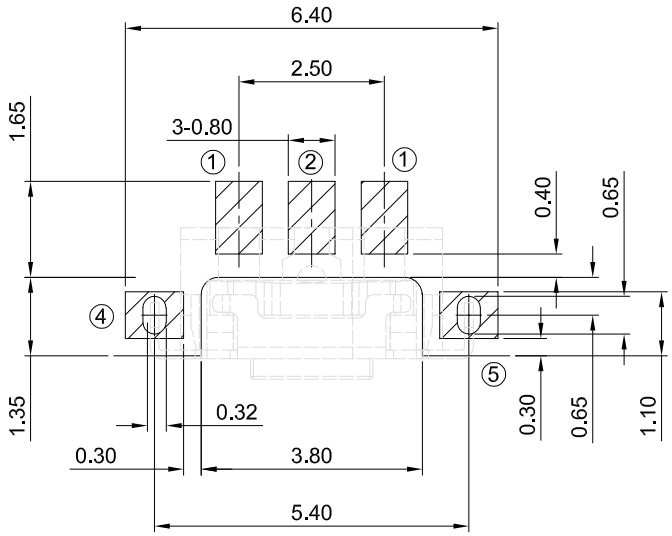
**Operating Force**
A=160gf
B=250gf

**Switch Height(mm)**
H026=2.6

**Switch Lifetime**
L1=100,000 Cycles
L2=200,000 Cycles

Keying Tip Tilt

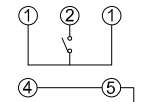



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

**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: 0.15±0.1mm

| NO. | PART NAME | MATERIAL | REMARK |
|---|---|---|---|
| 6 | STEM | PA46 | BLACK |
| 5 | COVER | SUS | |
| 4 | TAPE | POLYIMIDE | |
| 3 | CONTACT | SUS | Ag PLATED |
| 2 | BASE | PA6T | BLACK |
| 1 | TERMINAL | C5210 | Ag PLATED |




CIRCUIT DIAGRAM

Pb Process Capable
RoHS Compliant
EU RoHS Standards

| | | | |
|---|---|---|---|
| SCALE: 1:1 | UNIT: mm | Title: | Horizontal Tact Switch SMT 5.55×2.90×Hmm |
| SIZE: A4 | | | |
| Unless otherwise General Tolerance: | | Model Code: | GT-TB037X-HXXX-LX |
| X. ±0.40 | | | |
| X.x ±0.30 | | | |
| X.xx ±0.20 | | | |
| X° ±3° | | | |

| DRAWN | CHECKED | APPROVED | DATE |
|---|---|---|---|
| Lai | Chen | Chen | 2025.09.19 |

品赞科技 G-Switch ®
www.dg-switch.com

REV: A0 SHEET: 1/1