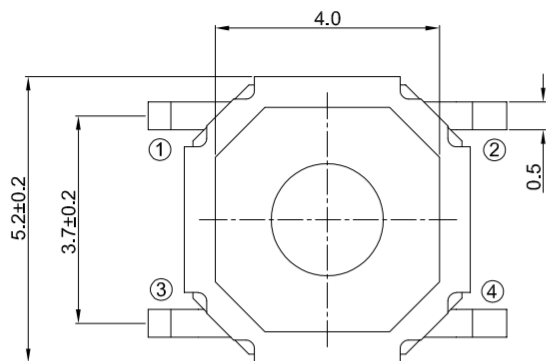


## GT-TZ084X-HXXX-LX

### Operating Force

A=180gf  
B=250gf  
C=100gf  
E=130gf

### Switch Height (mm)

H015=1.5 H016=1.6  
H017=1.7 H020=2.0  
H025=2.5 H030=3.0  
H035=3.5 H040=4.0  
H045=4.5 H050=5.0  
H055=5.5 H060=6.0  
H065=6.5 H070=7.0  
H075=7.5 H080=8.0  
H085=8.5 H090=9.0

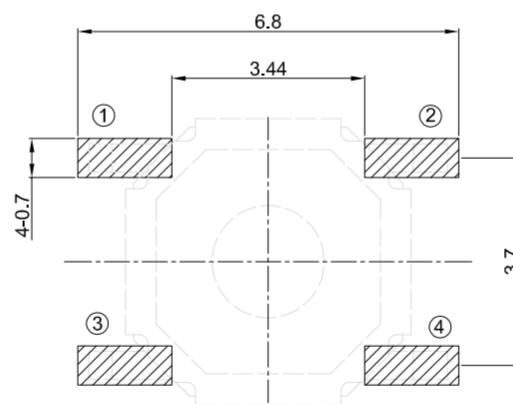
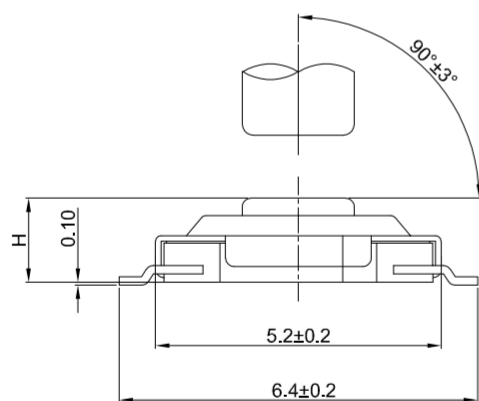
### Switch Lifetime (Force)

L1=100,000 Cycles

### G-Switch Specification:

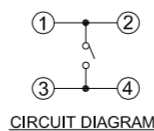
1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA, 12V DC
3. Insulation resistance: 100MΩ min, 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100m Ω max.
6. Travel: 0.25±0.1mm

### Keying Tip Tilt



RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05

|     |           |                          |            |
|-----|-----------|--------------------------|------------|
| 6   | COVER     | BRASS                    | --         |
| 5   | STEM      | COPPER ALLOY             | --         |
| 4   | TAPE      | PI                       | --         |
| 3   | CONTACT   | STAINLESS STEEL          | Ag PLATING |
| 2   | BASE      | HIGH TEMPERATURE PLASTIC | LCP BLACK  |
| 1   | TERMINAL  | COPPER ALLOY             | Ag PLATING |
| NO. | PART NAME | MATERIAL                 | REMARK     |



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:  
X, ±0.40  
X.x ±0.30  
X.xx ±0.20  
X\* ±3°

Title: Vertical Tact Switch  
SMT 5.2×5.2×1.5mm Simplified version

Molde Code: GT-TZ084X-HXXX-LX

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Jiang | Xia     | Chen     | 2025.03.12 |



REV: A0 SHEET: 1/1