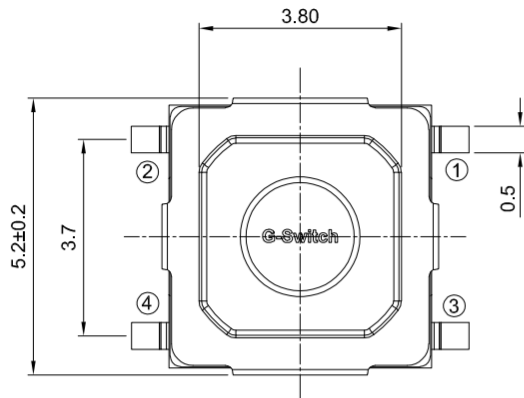


## GT-TCE84X-HXXX-LX

### Operating Force

A=160gf  
B=250gf  
C=100gf  
E=130gf  
F=80gf

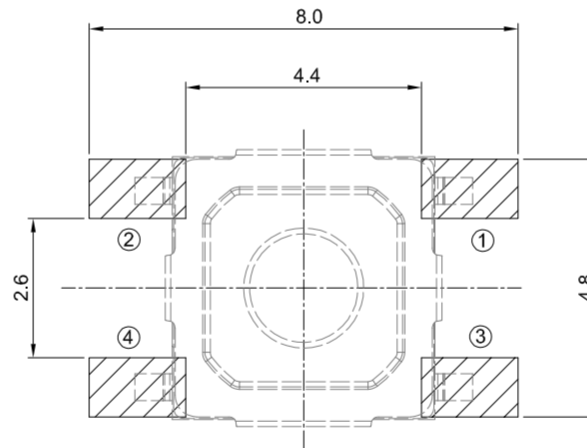
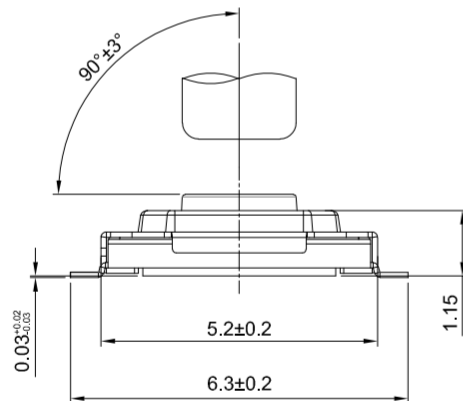
### Switch Height (mm)

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

### Switch Lifetime (Force)

L1=100,000 Cycles  
L3=300,000 Cycles  
L5=500,000 Cycles  
L10=1,000,000 Cycles

### Keying Tip Tilt

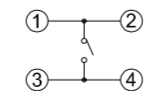


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

### G-Switch Specification:

- Operating temperature range: -30°C ~ +80°C
- Rating: 50mA, 12V DC
- Insulation resistance: 100MΩ min, 100V DC
- Dielectric strength: 250V AC for 1 min
- Contact resistance: 100m Ω max.
- Travel: 0.25±0.1mm

|     |           |                          |             |
|-----|-----------|--------------------------|-------------|
| 5   | COVER     | FERROALLOY               | -           |
| 4   | STEM      | HIGH TEMPERATURE PLASTIC | BLACK/WHITE |
| 3   | CONTACT   | STAINLESS STEEL          | Ag PLATING  |
| 2   | BASE      | HIGH TEMPERATURE PLASTIC | BLACK       |
| 1   | TERMINAL  | COPPER ALLOY             | Ag PLATING  |
| NO. | PART NAME | MATERIAL                 | REMARK      |



CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:

X..x ±0.40  
X..xx ±0.30  
X..xxx ±0.20  
X\* ±3°

Title: Vertical Tact Switch  
SMT 5.2×5.2×Hmm

Molde Code: GT-TCE84X-HXXX-LX

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Jiang | Xia     | Chen     | 2025.03.11 |



REV: A0 SHEET: 1/1