

GT-TC084X-HXXX-LX

G-Switch

Operating Force

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

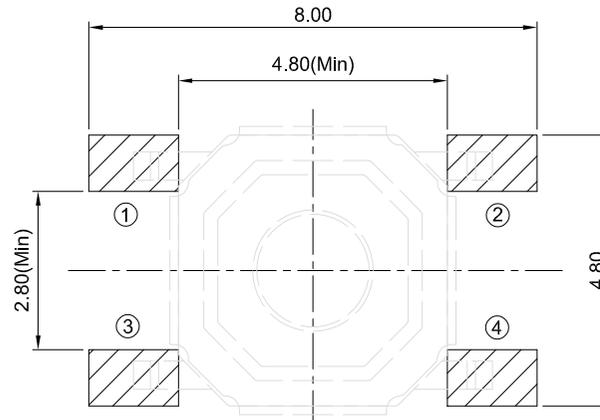
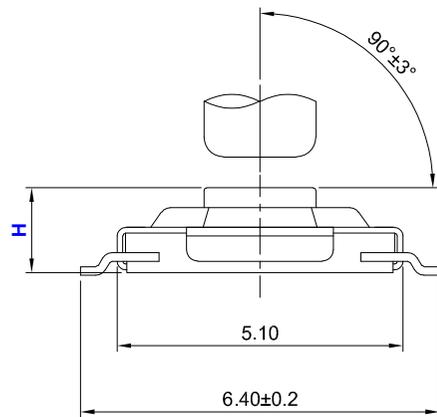
Switch Height(mm)

H015=1.5
H016=1.6
H017=1.7
H020=2.0

Switch Lifetime

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

Keying Tip Tilt

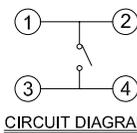


PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

G-Switch Specification:

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

| | | | |
|-----|-----------|--------------------------|----------------------|
| 6 | PLUNGER | C2680 | YELLOW |
| 5 | COVER | STAINLESS STEEL304 | -- |
| 4 | TAPE | POLYIMIDE | YELLOW (TRANSPARENT) |
| 3 | CONTACT | STAINLESS STEEL301 | Ag PLATED |
| 2 | BASE | HIGH TEMPERATURE PLASTIC | LCP BLACK |
| 1 | TERMINAL | COPPER ALLOY | Ag PLATED |
| NO. | PART NAME | MATERIAL | REMARK |



CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X* ±3°

Title: Vertical Tact Switch
SMT 5.1×5.1×Hmm

Molde Code: GT-TC084X-HXXX-LX

| DRAWN | CHECKED | APPROVED | DATE |
|-------|---------|----------|------------|
| Jiang | Xia | Chen | 2025.01.28 |



REV: A0 SHEET: 1/1