

GT-TB092X-HXXX-LX

G-SWITCH

Operating Force

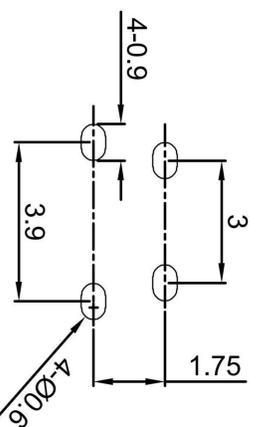
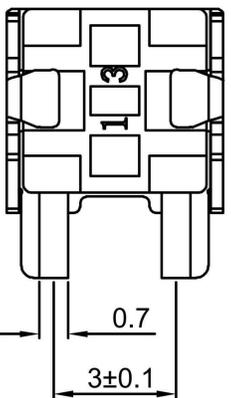
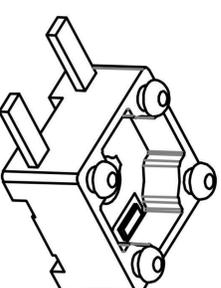
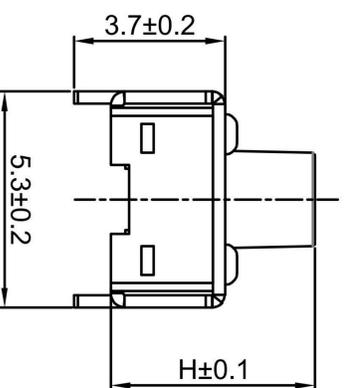
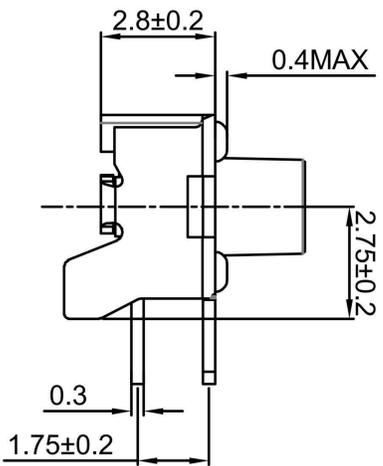
- A=160gf
- B=250gf
- C=100gf

Switch Height

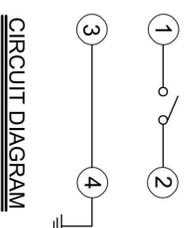
- H038=3.8 H043=4.3
- H050=5.0 H055=5.5
- H060=6.0 H065=6.5
- H070=7.0 H075=7.5
- H080=8.0 H085=8.5
- H090=9.0 H095=9.5
- H100=10.0 H105=10.5
- H110=11.0mm

Switch Lifetime (Force)

- L1=100,000 Cycles
- L3=300,000 Cycles



RECOMMENDED PCB LAYOUT



CIRCUIT DIAGRAM

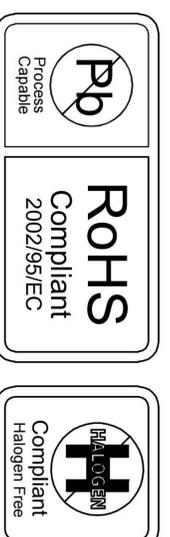


CIRCUIT DIAGRAM

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±0.05mm

| | | | |
|-----|-----------|--------------------------|-------------|
| 1 | STEM | HIGH TEMPERATURE PLASTIC | BLACK |
| 2 | SUPPORT | STAINLESS STEEL | Tin PLATING |
| 3 | REED | STAINLESS STEEL | Ag PLATING |
| 4 | CASE | HIGH TEMPERATURE PLASTIC | BLACK |
| 5 | TERMINAL | COPPER ALLOY | Ag PLATING |
| NO. | PART NAME | MATERIAL | REMARK |



| | | |
|-------------------------------------|---------------|-----------------------------------|
| SCALE: 1:1 | UNIT: mm | Title: Horizontal Tact Switch DIP |
| SIZE: A4 | | Mold Code: GT-TB092X-HXXX-LX |
| Unless otherwise General Tolerance: | | |
| X | ±0.30 | |
| X X | ±0.20 | |
| X X X | ±0.15 | |
| X X X X | ±0.10 | |
| Angles | ±3° | |
| DRAWN: Xia | CHECKED: Chen | APPROVED: Chen |
| DATE: 2023.02.01 | | |



REV: A0 SHEET: 1/1

A

B

C

D

E

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