

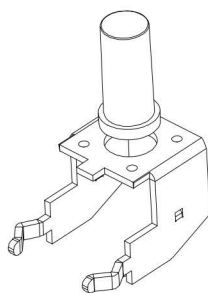
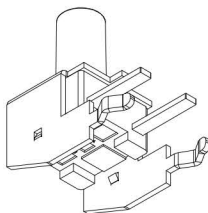
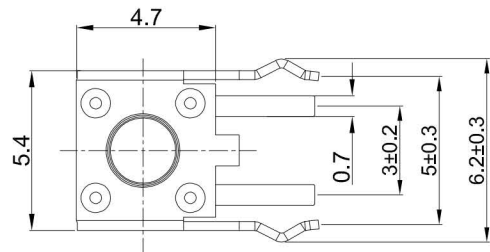
A

B

C

D

E



GT-TC092X-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

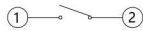
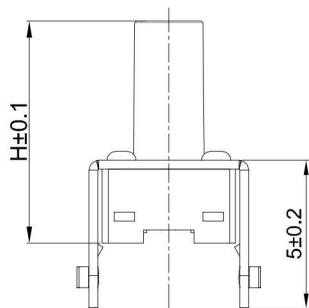
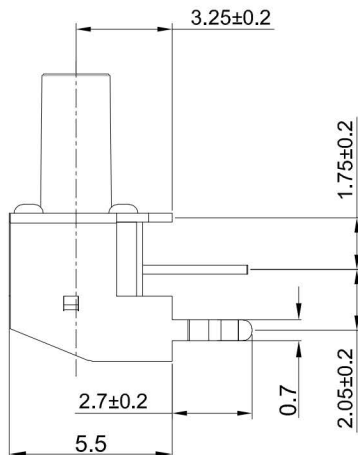
H105=10.5

H110=110mm

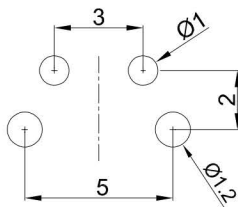
Switch Lifetime (Force)

L1=100,000 Cycles

L3=300,000 Cycles



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C

2. Rating: 50mA, 12V DC

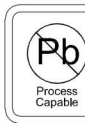
3. Insulation resistance: 100MΩ min, 100V DC

4. Dielectric strength: 250V AC for 1 min

5. Contact resistance: 100mΩ max.

6. Travel: 0.2±0.05mm

NO.	PART NAME	MATERIAL	REMARK
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



SCALE: 1:1

UNIT: mm

SIZE: A4

Unless otherwise
General Tolerance:

X. ±0.30

X.x ±0.20

X.xx ±0.15

X.xxx ±0.10

Angles ±3°

Title: Horizontal Tact Switch
DIP 5.4×4.7×Hmm

Molde Code: GT-TC092X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0

SHEET: 1/1

A

B

C

D

E