

A

B

C

D

E

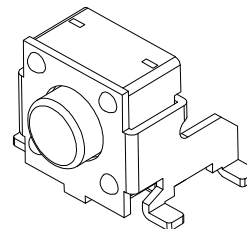
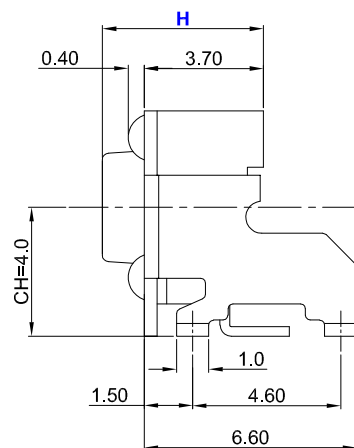
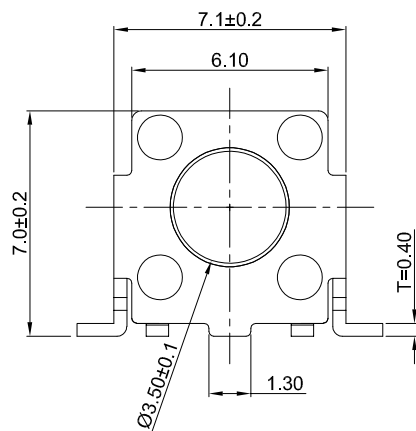
A

B

C

D

E



GT-TC051X-HXXX-LX

G-Switch

Operating Force

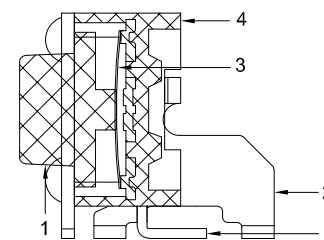
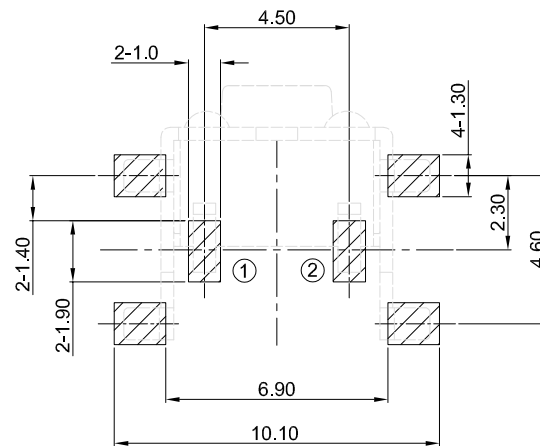
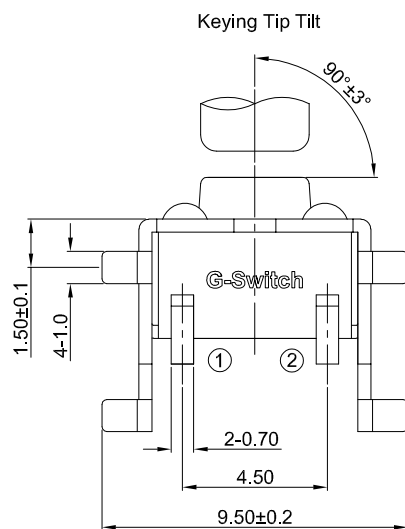
A=160gf
B=250gf
C=100gf

Switch Height (mm)

H043=4.3 H050=5.0
H060=6.0 H070=7.0
H090=9.0

Switch Lifetime

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

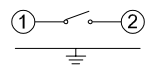


SECTION A-A

G-Switch Specification:

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

5	TERMINAL	COPPER ALLOY	Ag PLATING
4	HOUSING	PPA	BLACK
3	SPRING	STAINLESS STEEL301	Ag PLATING
2	SHELL	SPCC	Tin PLATING
1	STEM	PPA	BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Horizontal Tact Switch Right CH=4.0 7.1×7.0×Hmm			
SIZE: A4		Title:			
Unless otherwise General Tolerance: X. ±0.30 X.x ±0.20 X.xx ±0.10 X* ±3°		Molde Code: GT-TC051X-HXXX-LX			
		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2025,03,17



REV: A0 SHEET: 1/1