

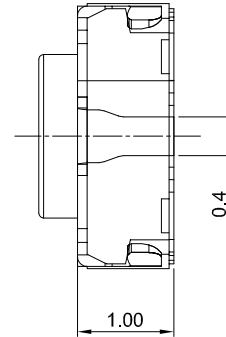
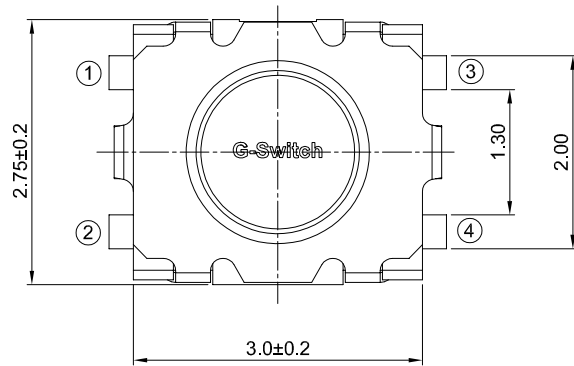
A

B

C

D

E



GT-TC171X-HXXX-LX

G-Switch

Operating Force

A=160gf
B=250gf
C=500gf
D=80gf
E=400gf
F=130gf

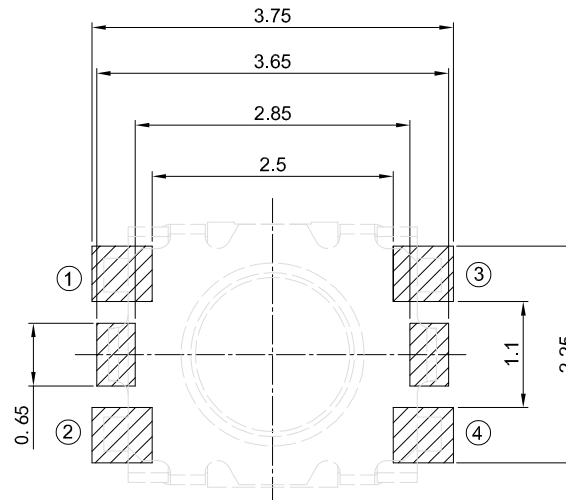
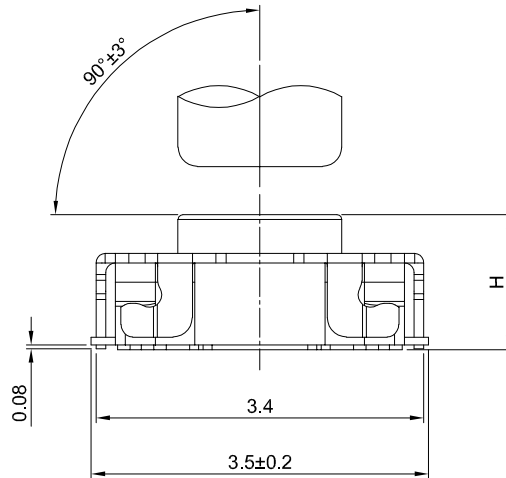
Switch Height (mm)

H014=1.40

Switch Lifetime

L05=50,000 Cycles
L1=100,000 Cycles
L2=200,000 Cycles

Keying Tip Tilt

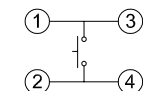


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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: 0.15±0.05mm

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



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch Flat 3.0×2.75×Hmm			
SIZE: A4		Molde Code: GT-TC171X-HXXX-LX			
Unless otherwise General Tolerance: X, ±0.40 X.x ±0.30 X.xx ±0.20 X* ±3°		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2025.03.28



REV: A0 SHEET: 1/1