

GT-TC197X-HXXX-LX

G-Switch

Operating Force

A=160gf
B=250gf

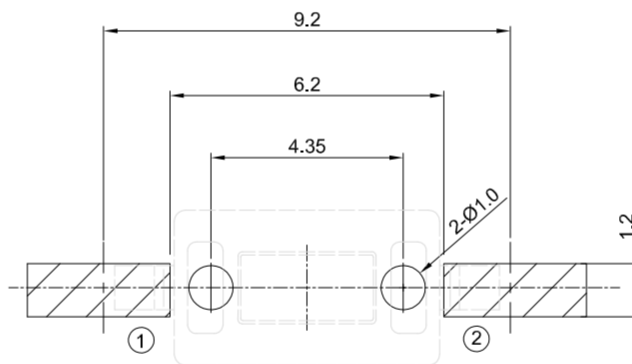
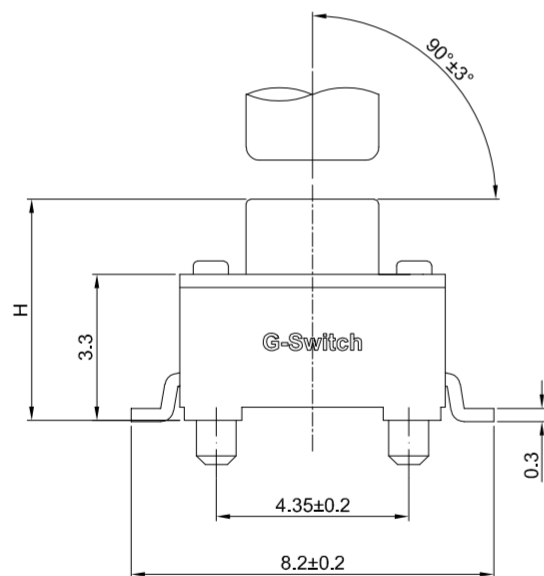
Switch Height (mm)

H0375=3.75
H043=4.30
H050=5.00

Switch Lifetime (Force)

L05=50,000 Cycles
L1=100,000 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: 0.25±0.10mm

5	COVER	COLD PRESSING	--
4	STEM	HIGH TEMPERATURE PLASTIC	WHITE
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	PHOSPHOR BRONZE	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	WHTIE
NO.	PART NAME	MATERIAL	REMARK

① — ②
CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 6.0×3.5×Hmm			
SIZE: A4		Molde Code: GT-TC197X-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	2025.04.02
		REV: A0			
		SHEET: 1/1			

