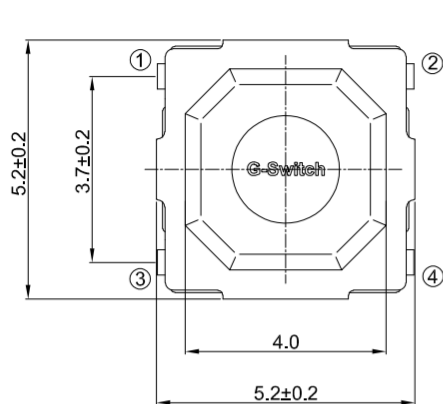


GT-TC087X-HXXX-LX

G-Switch

Operating Force

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

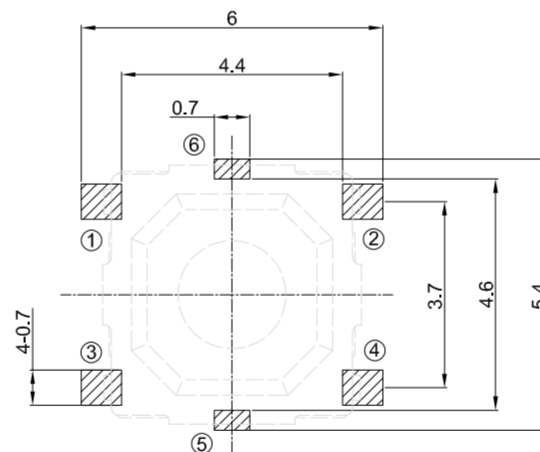
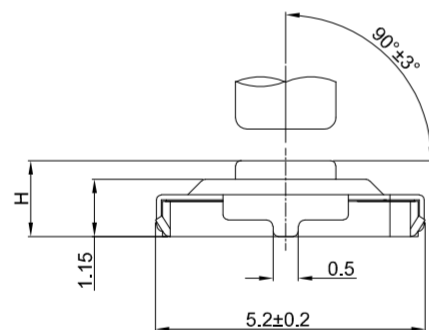
Switch Height (mm)

H015=1.50
H016=1.60
H017=1.70
H020=2.00
H030=3.00

Switch Lifetime (Force)

L1=100,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles
L10=1,000,000 Cycles

Keying Tip Tilt

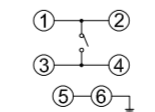


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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

6	COVER	STAINLESS STEEL	Sn Ni PLATING
5	STEM	BRASS	YELLOW
4	TAPE	PI	-
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	BASE	HIGH TEMPERATURE PLASTIC	LCP BLACK
1	TERMINAL	BRASS	Ag PLATING
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch U Type 5.2×5.2×Hmm			
SIZE: A4		Molde Code: GT-TC087X-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	2025.03.15
		REV: A0			
		SHEET: 1/1			

