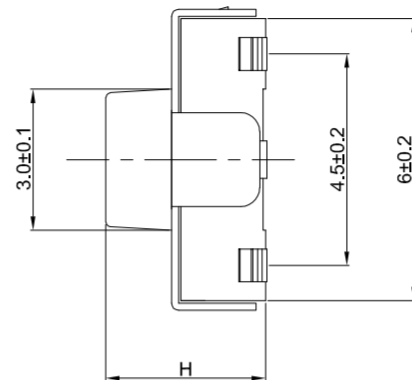
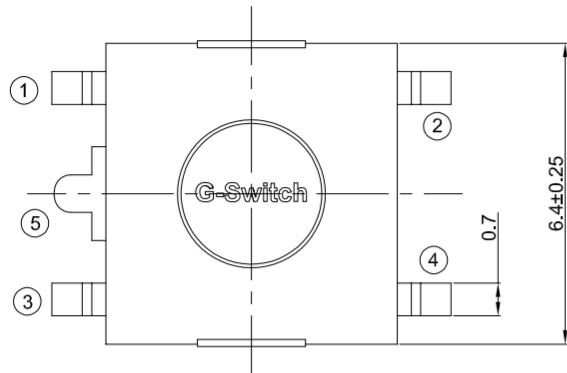




GT-TC090X-HXXX-LX

G-Switch

Operating Force

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

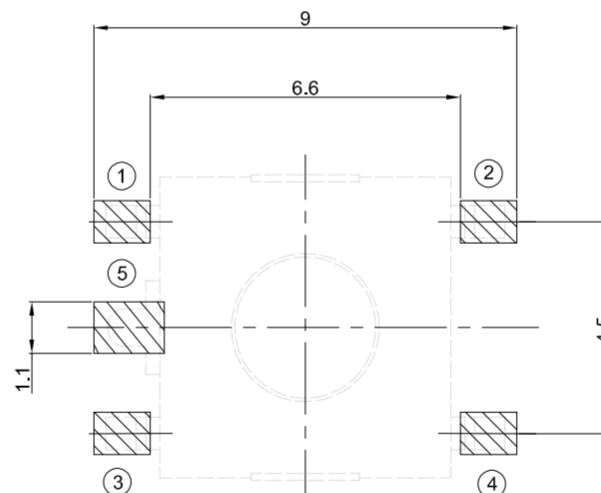
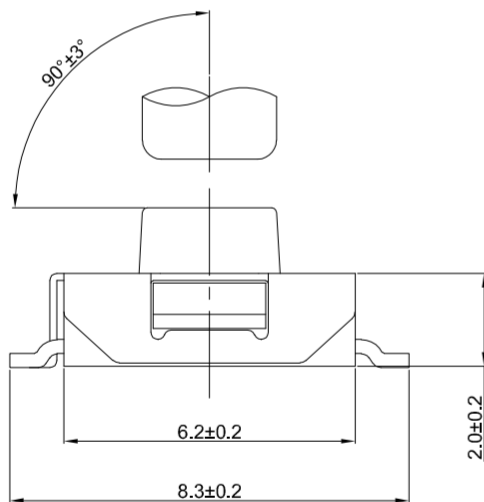
Switch Height (mm)

H025=2.5 H031=3.1
H035=3.5 H038=3.8
H043=4.3 H050=5.0

Switch Lifetime (Force)

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

Keying Tip Tilt

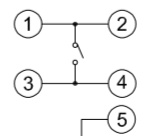


RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA, 24V 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±0.1mm

5	STEM	PPA	BLACK/RED
4	COVER	H62	COPPER Tin PLATING
3	CONTACT	SUS301	Ag PLATING
2	TERMINAL	H62	Ag PLATING
1	CASE	PPA	BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 6.2×6.4×Hmm			
SIZE: A4		Molde Code: GT-TC090X-HXXX-LX			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X* ±3°		DRAWN	CHECKED	APPROVED	DATE
		Jinag	Xia	Chen	2025.03.12



REV: A0 SHEET: 1/1