

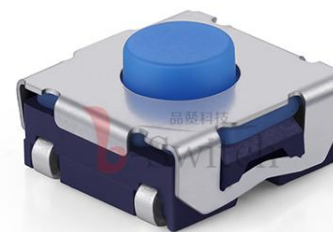
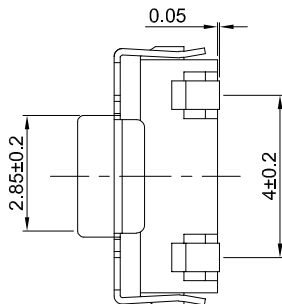
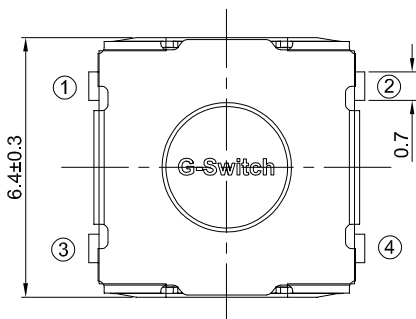
A

B

C

D

E



GT-TA125A-H043-L1

G-Switch

Operating Force

A=160gf E=200gf
B=250gf F=320gf
C=130gf G=400gf
D=350gf

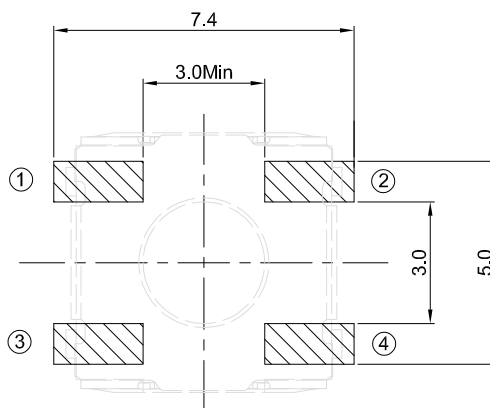
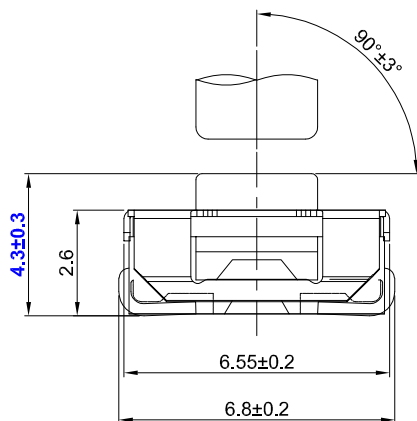
Switch Height (mm)

H031=3.10
H034=3.40
H035=3.50
H043=4.30
H050=5.00

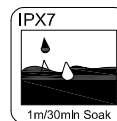
Switch Lifetime

L1=100,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles
L10=1,000,000 Cycles
L30=3,000,000 Cycles

Keying Tip Tilt



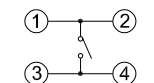
RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



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: 0.35±0.15mm
7. Waterproof grade: IPX7

5	STEM	SILICONE RUBBER	BLUE
4	COVER	SUS304	Ni PLATING
3	CONTACT	SUS301	Ag PLATING
2	BASE	PPA	BLACK
1	TERMINAL	COPPER ALLOY	Ag PLATING
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch J Type 6.55×6.4×H4.3mm			
SIZE: A4		Molde Code: GT-TA125A-H043-L1			
Unless otherwise General Tolerance: X..x ±0.30 X..xx ±0.20 X..xxx ±0.10 X* ±5°		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2024.11.17



REV: A0 SHEET: 1/1

A

B

C

D

E