

1
2
3
4
5

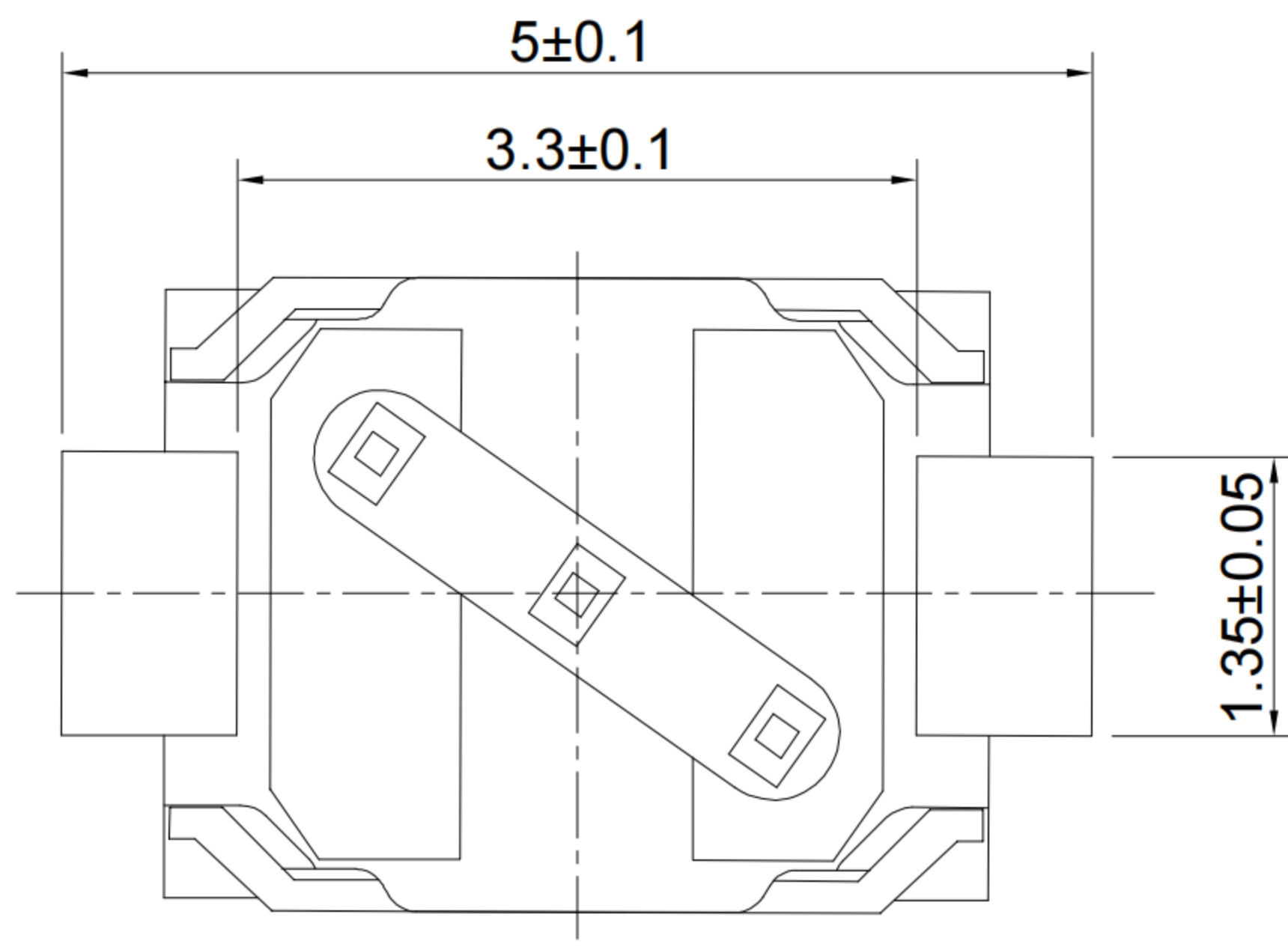
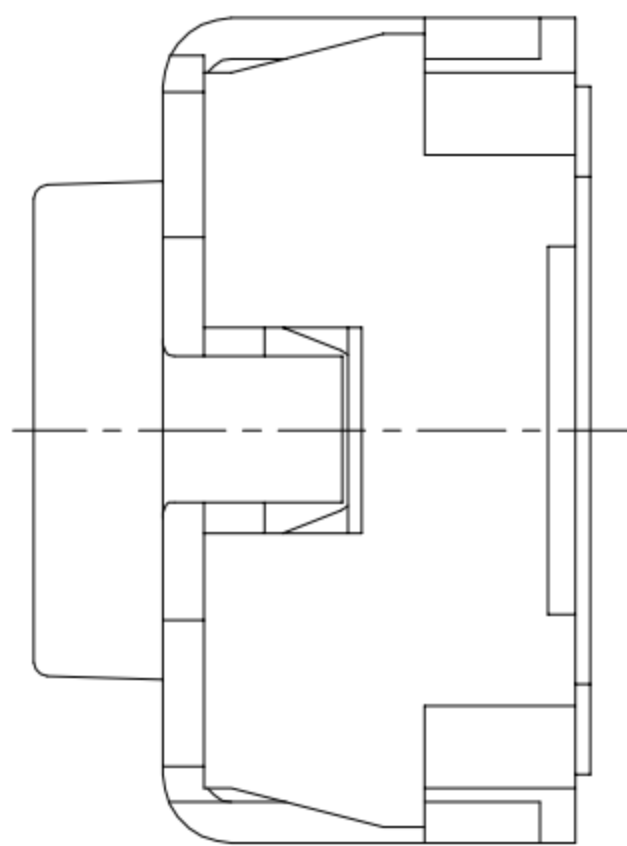
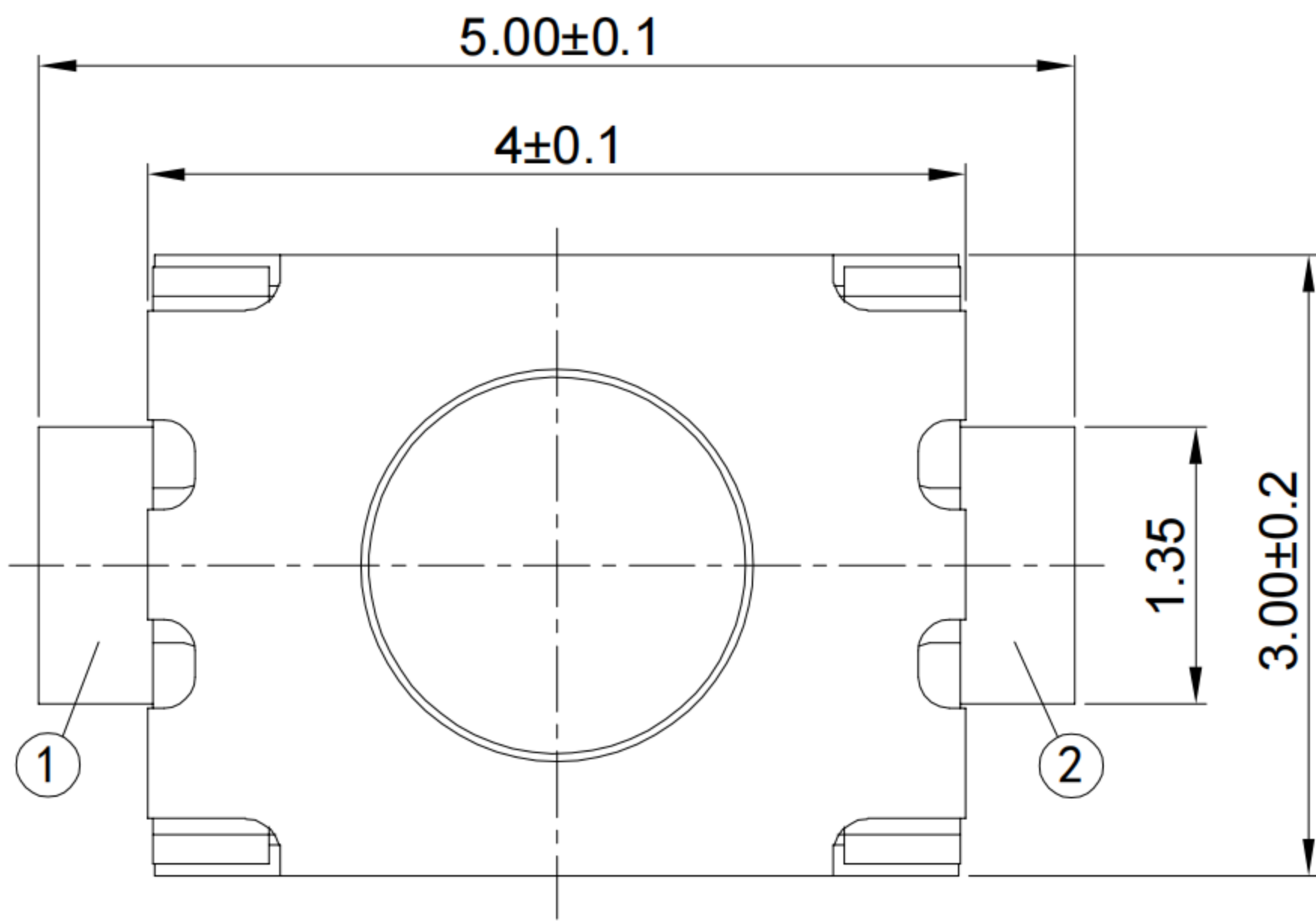
A

B

C

D

E



GT-TC029A-H030-L1 N

G-Switch

Operating Force

Detail

A=160gf
B=250gf
C=100gf
D=400gf

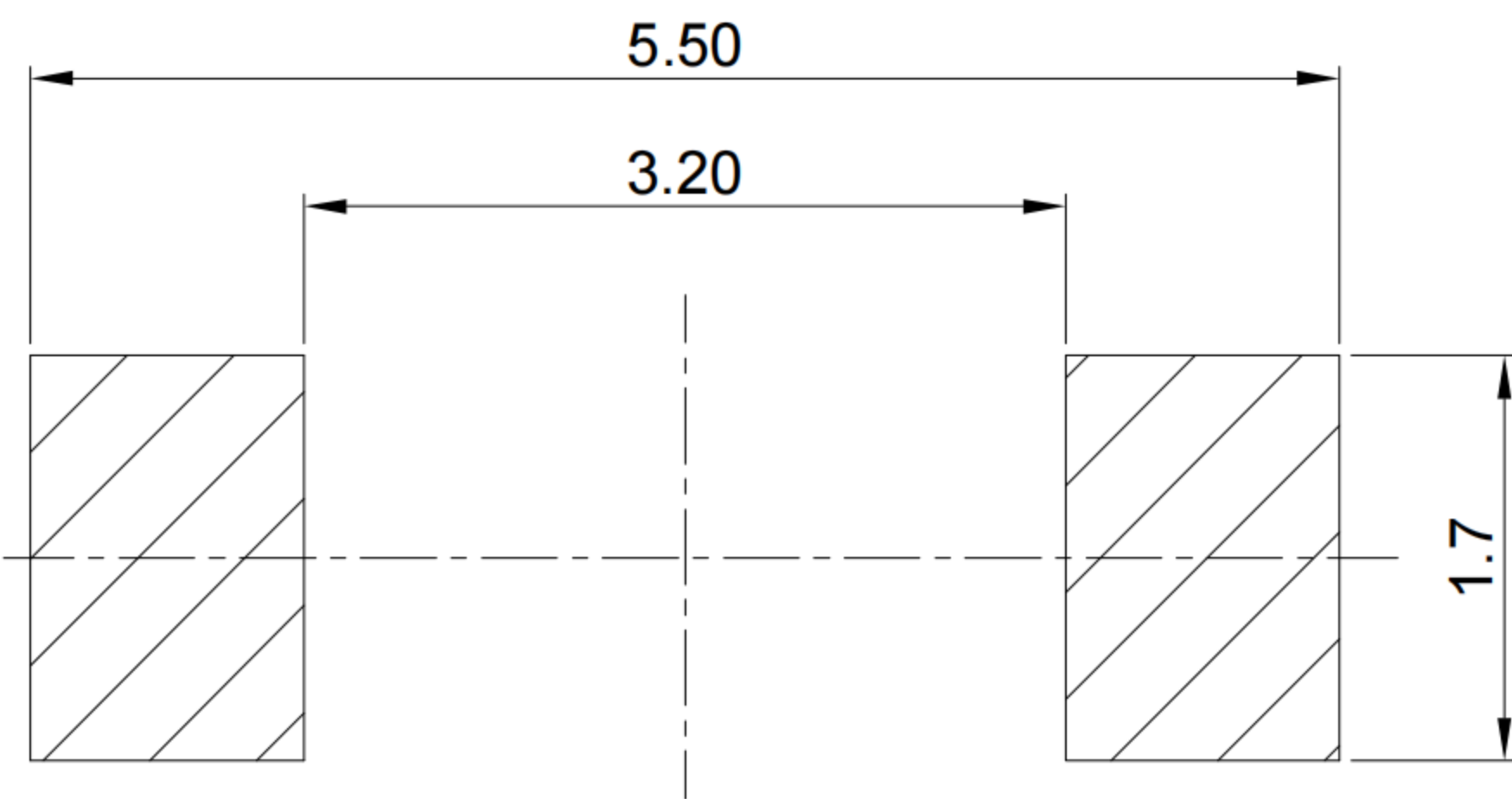
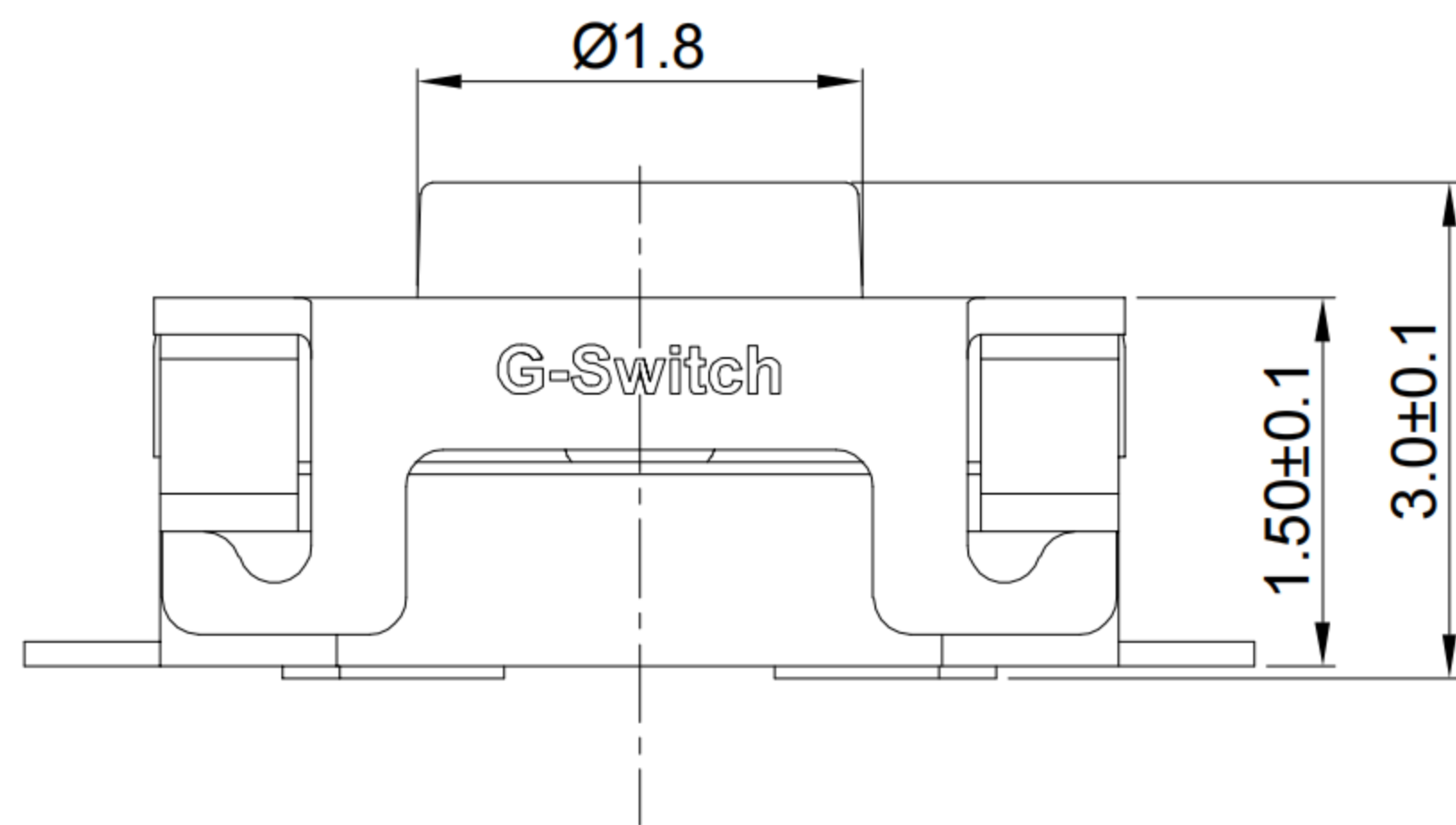
A=Base With Pilot
N=Non Pilot

Switch Height

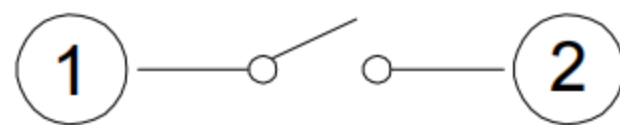
H020=2.0mm
H025=2.5mm
H030=3.0mm
H040=4.0mm

Switch Lifetime (Force)
L1=100,000 Cycles

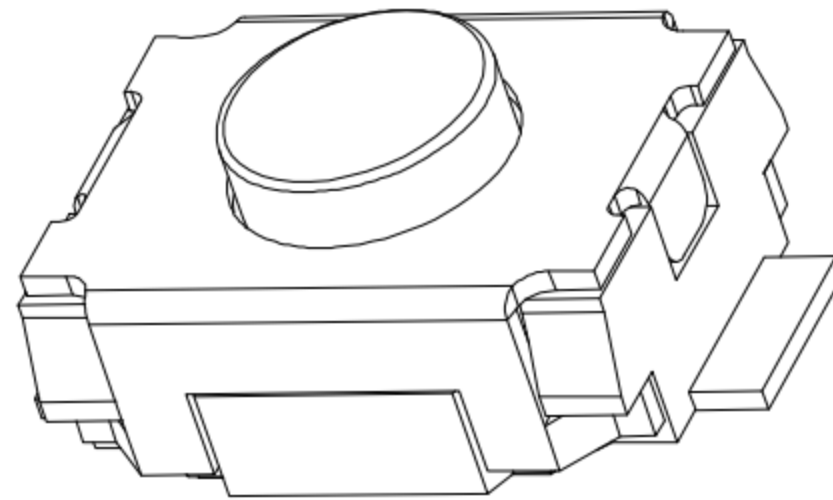
0.2±0.1mm
Travel



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



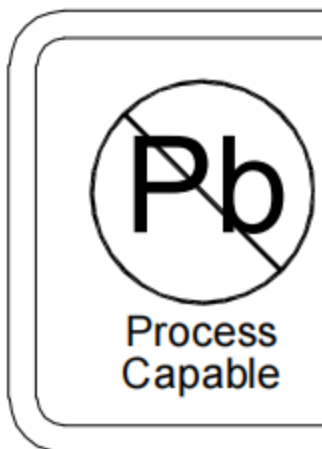
CIRCUIT DIAGRAM



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: 0.20±0.10mm

6	STEM	LCP-130i	BLACK
5	COVER	STAINLESS STEEL	
4	TAPE	POLYIMIDE	
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	CASE	HIGH TEMPERATURE PLASTIC	
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X° ±5°
X.X° ±3°

Title: Vertical Tact Switch
SMT Flat Terminal 4.0×3.0×3.0mm

Molde Code: GT-TC029A-H030-L1N

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1