

1
2
3
4
5

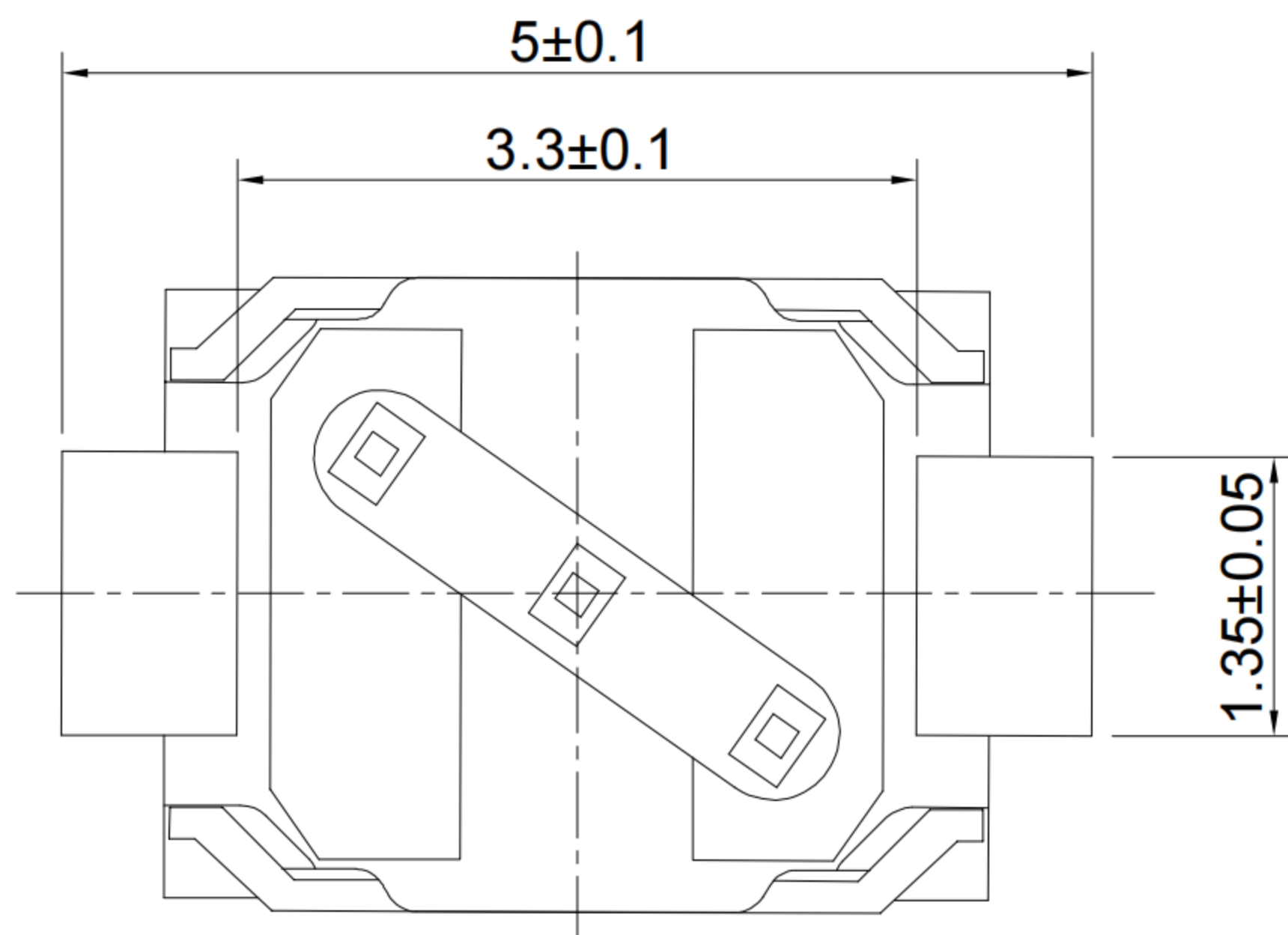
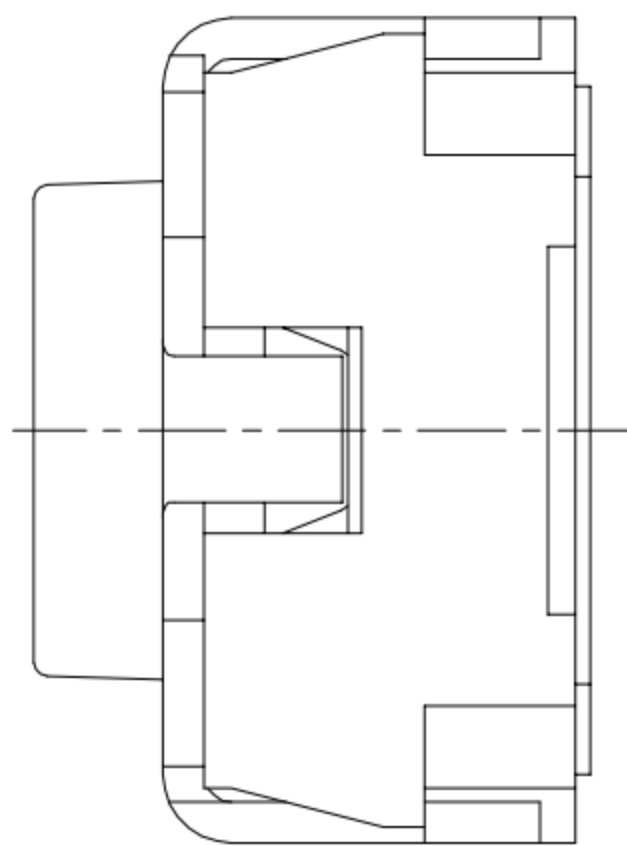
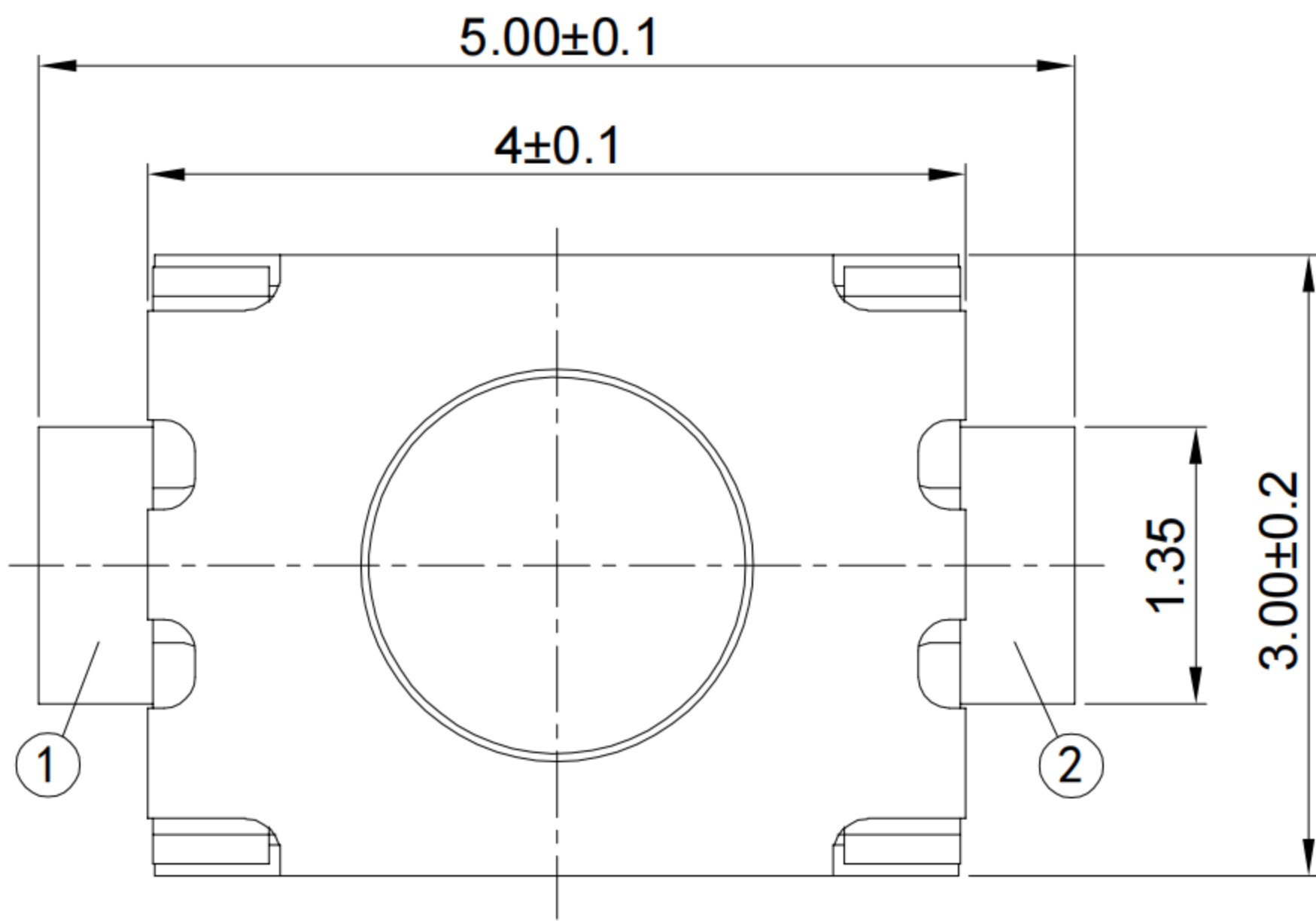
A

B

C

D

E



GT-TC029D-H025-L1 N

G-Switch

Operating Force

Detail

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

A=Base With Pilot
N=Non Pilot

Switch Height

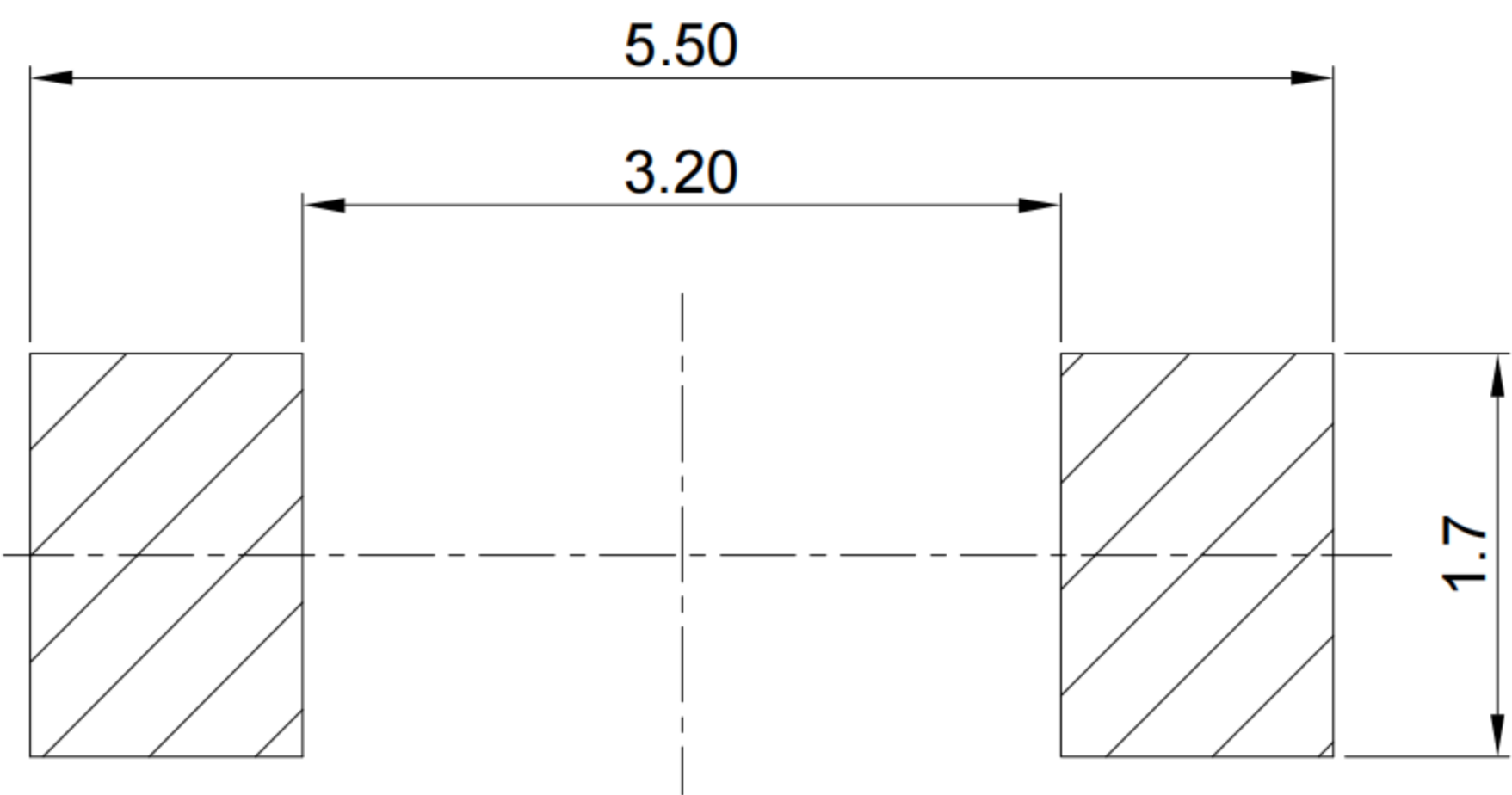
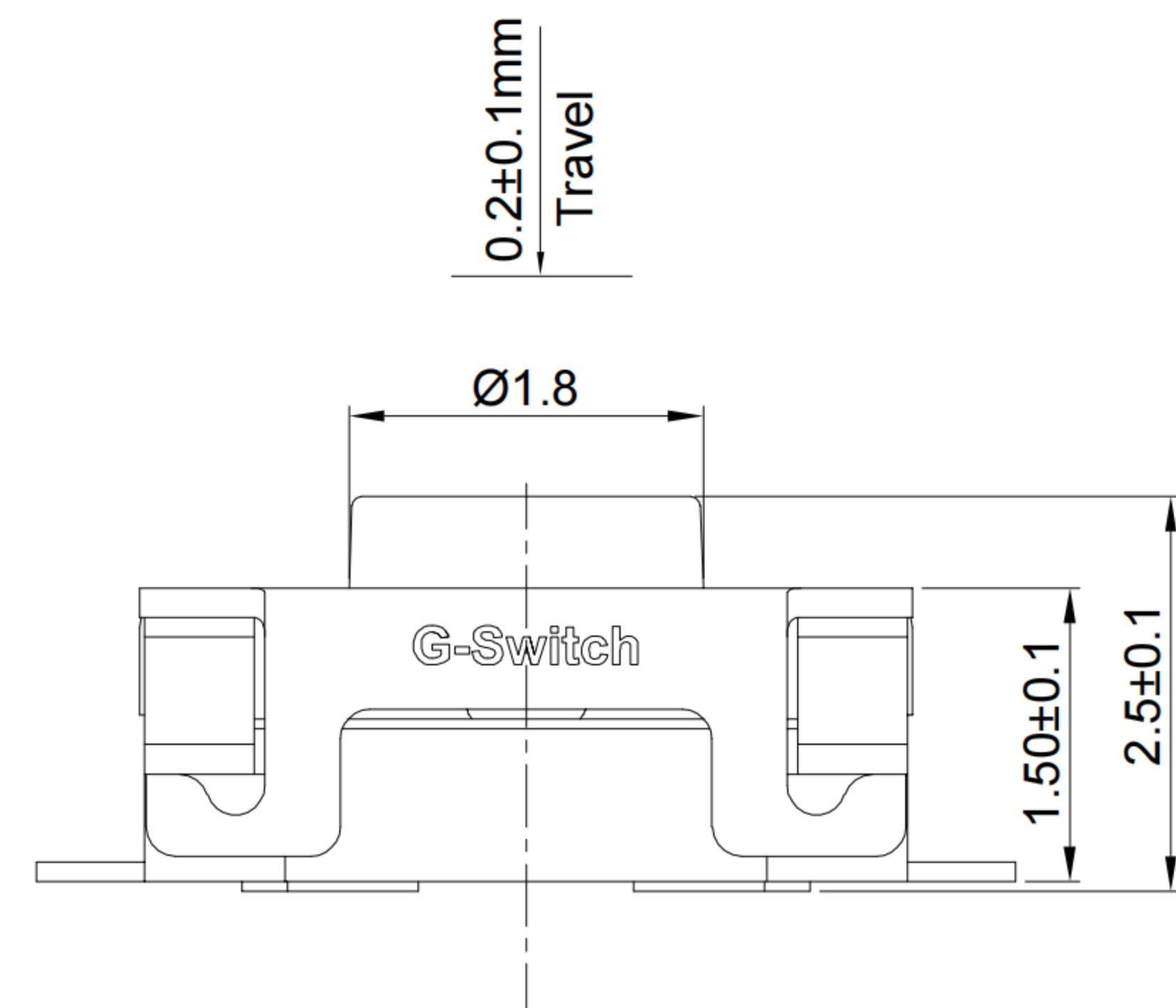
H020=2.0mm
H025=2.5mm
H030=3.0mm
H040=4.0mm

Switch Lifetime (Force)

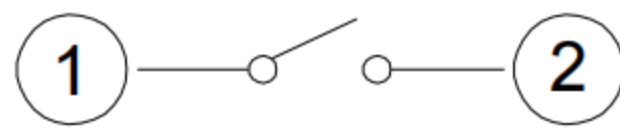
L1=100,000 Cycles

G-Switch Specification:

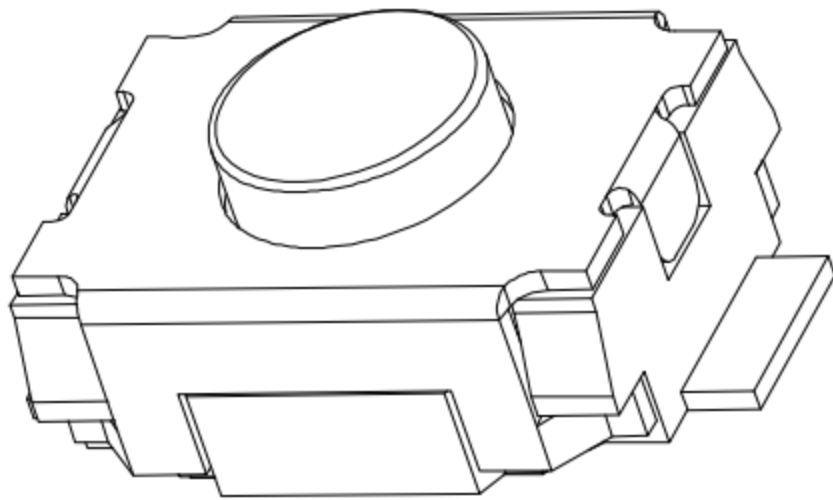
- 1.Operating temperature range: -40°C ~ +85°C
- 2.Rating: 50mA.12V DC
- 3.Insulation resistance: 100MΩ min.100V DC
- 4.Dielectric strength: 250V AC for 1 min
- 5.Contact resistance:100mΩ max.
- 6.Travel: 0.20±0.10mm



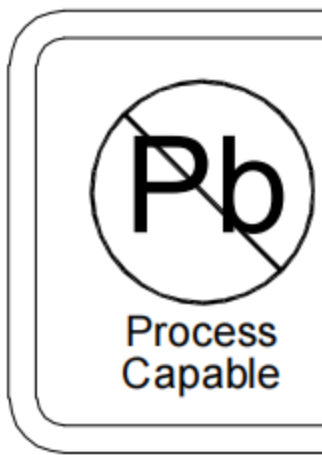
RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



CIRCUIT DIAGRAM



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	Title: Vertical Tact Switch SMT Flat Terminal 4.0×3.0×2.5mm				 品赞科技® www.dg-switch.com	
SIZE: A4		Molde Code: GT-TC029D-H025-L1N					
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X° ±5° X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE		
		Xia	Chen	Chen	2023.02.01	REV: A0	SHEET: 1/1