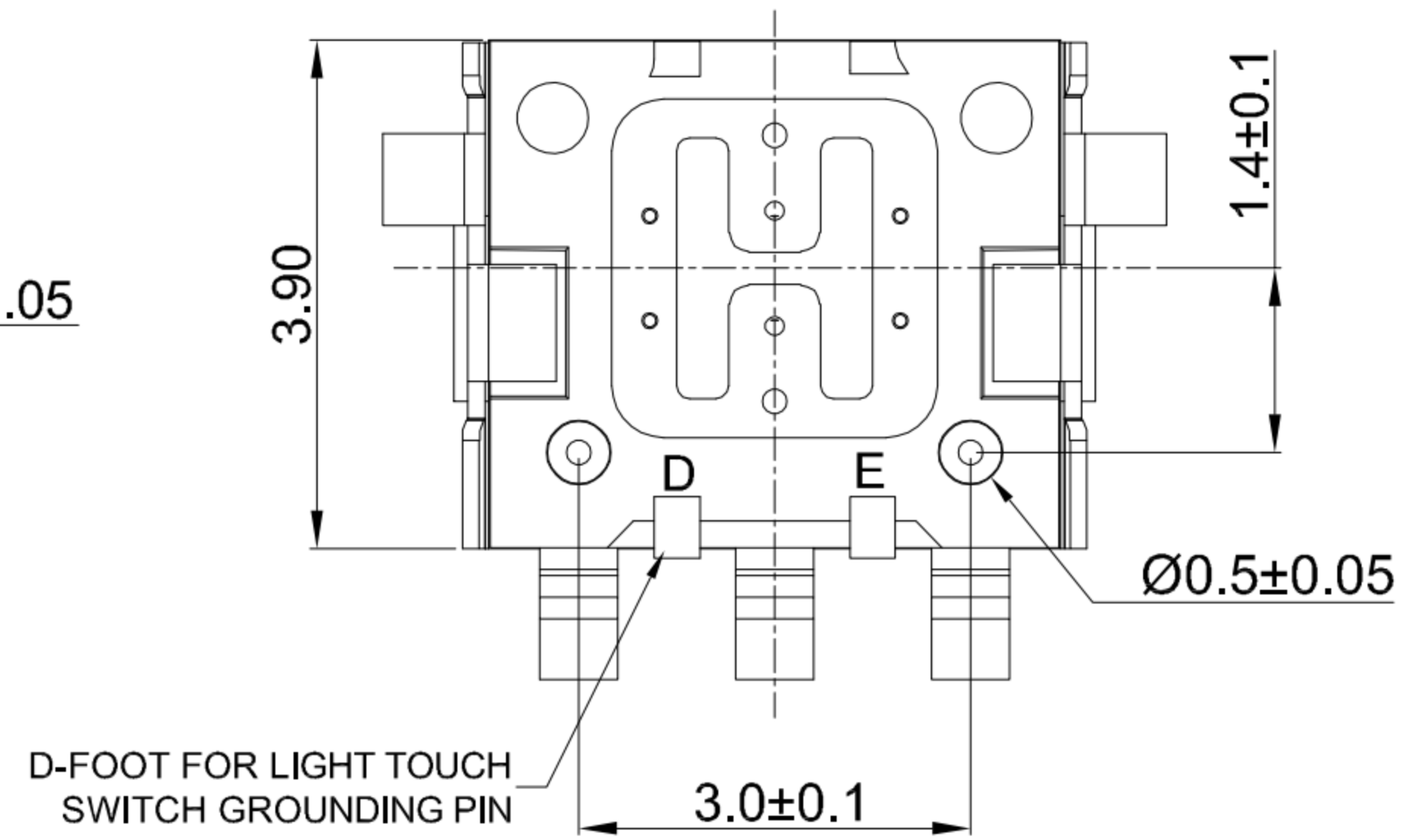
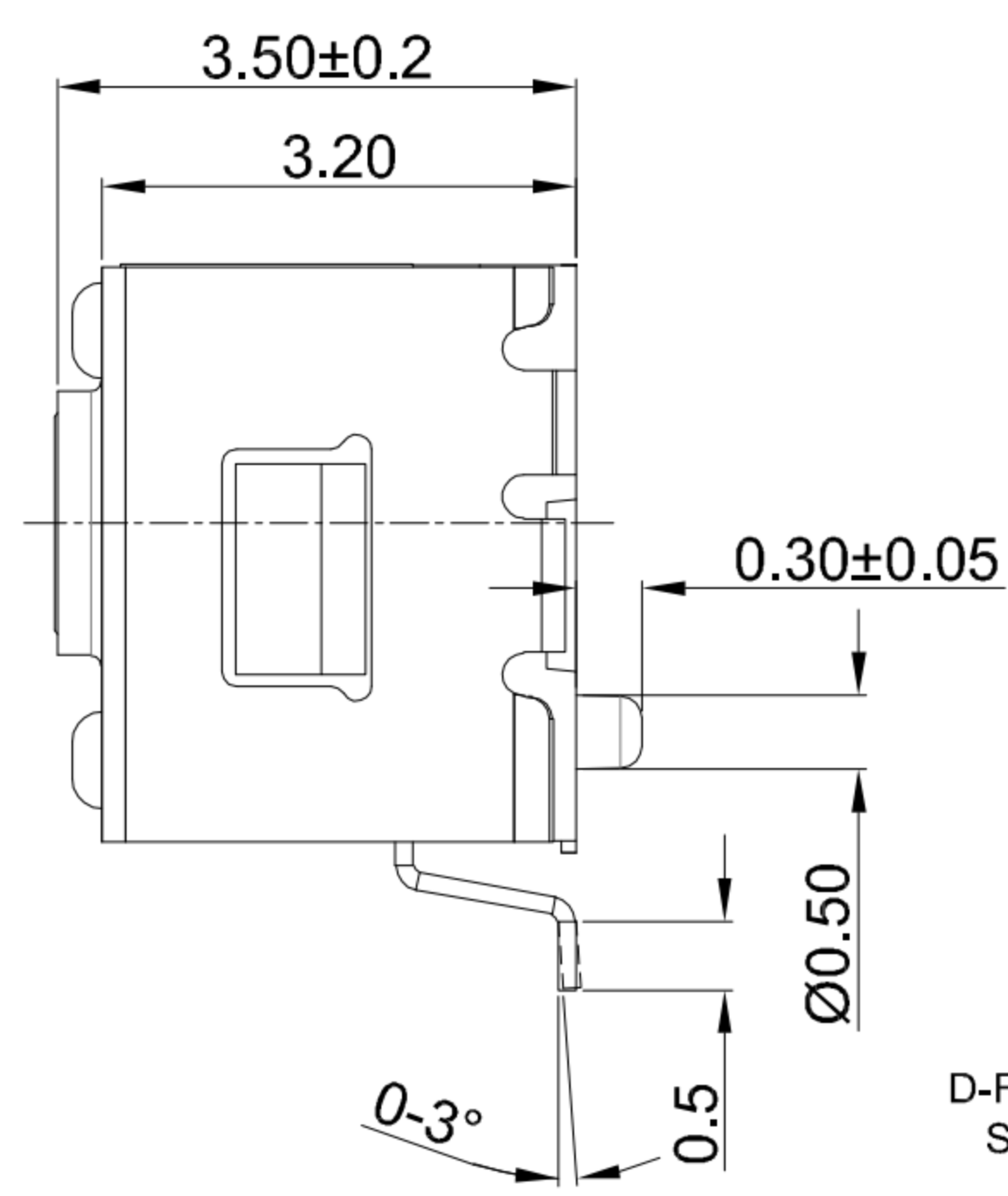
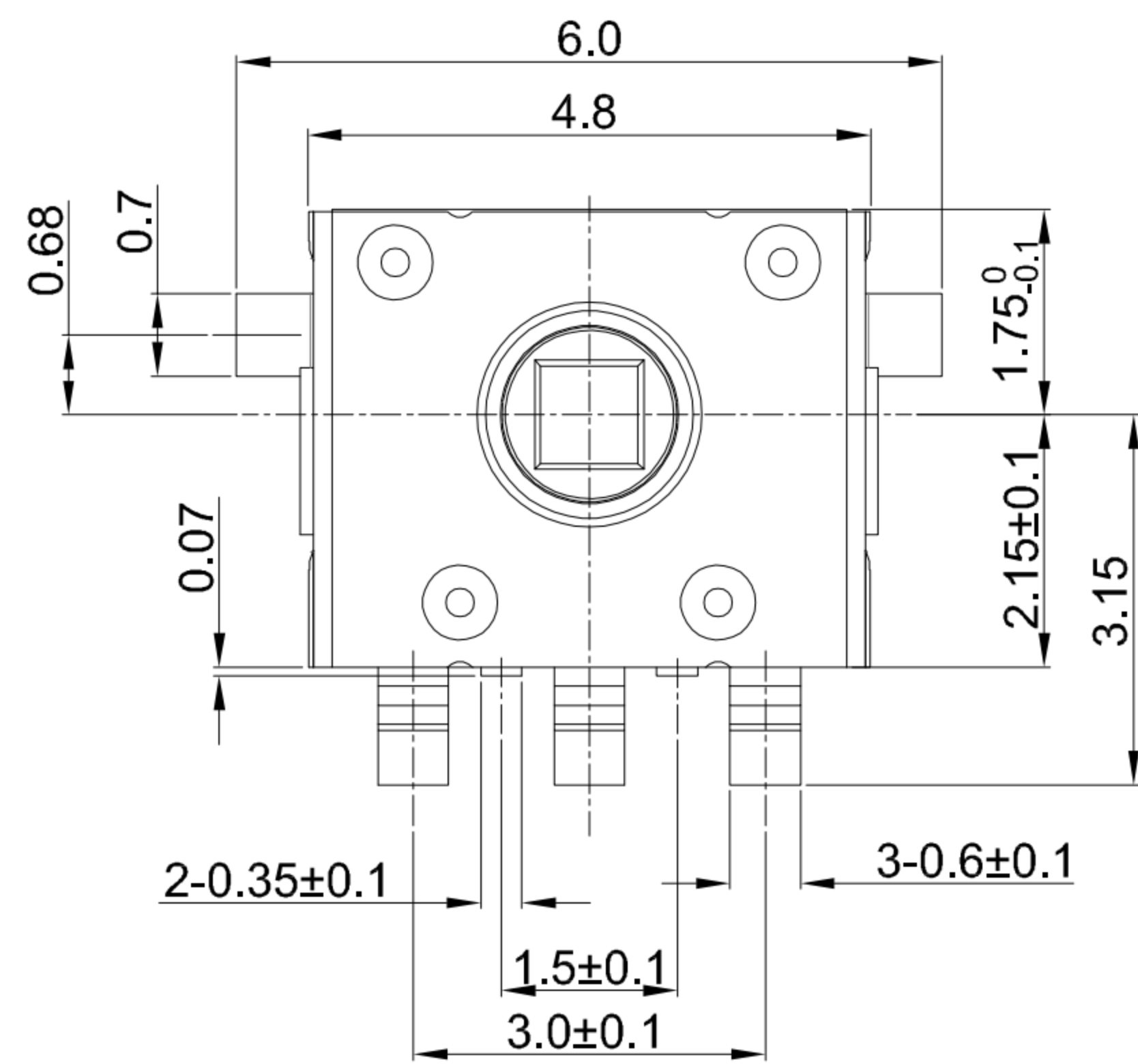


1
2
3
4
5

1
2
3
4
5



GT-E V A 01 A A - L1

Manufacture
GT=G-Switch

Product name
E=Encoder

Type
V=Vertical

Pulse
A=12 Pulse 12 clic
B=6 Pulse 6 clic

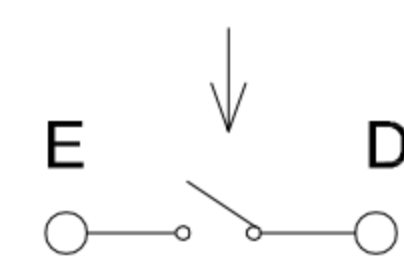
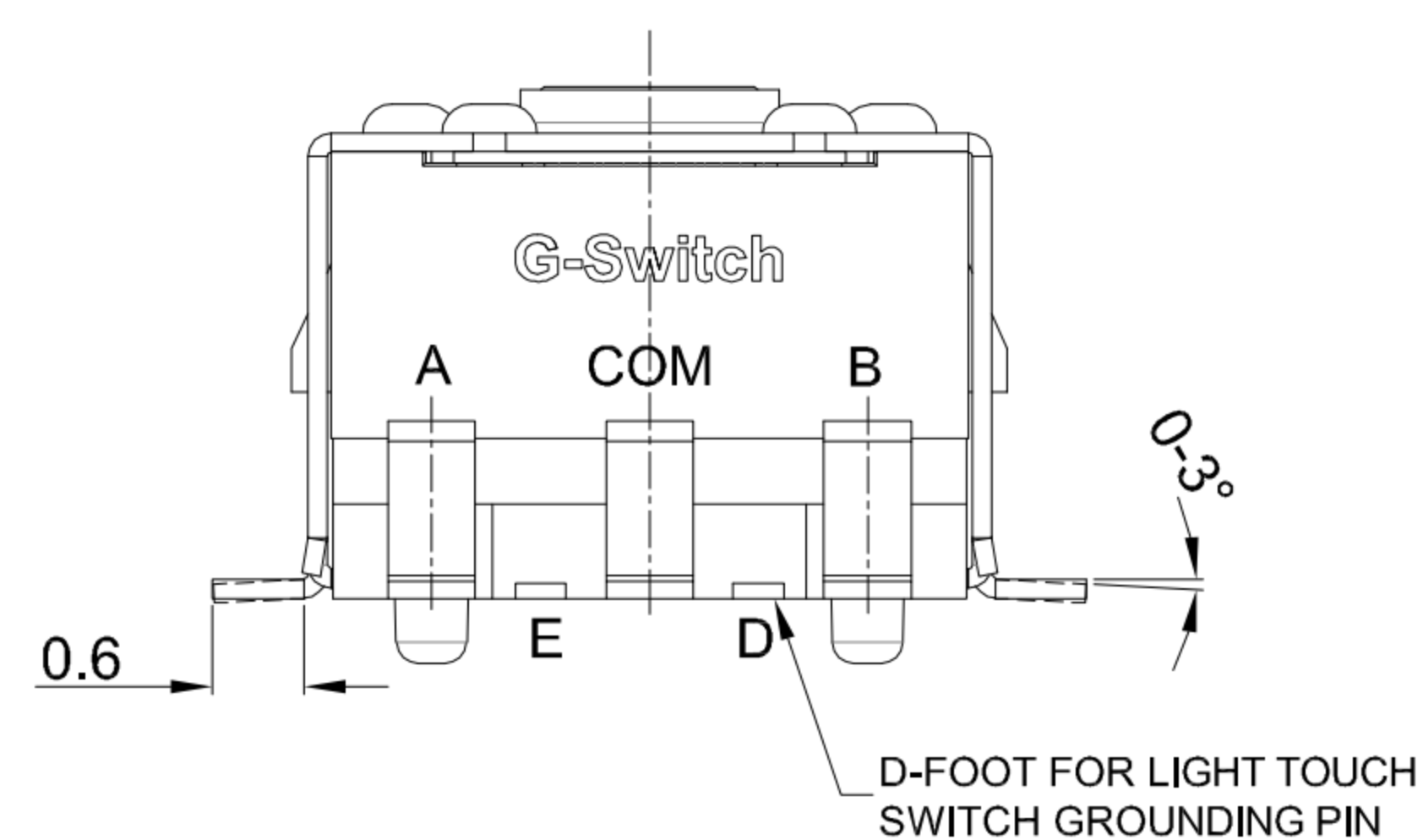
Switch Lifetime
L1=100,000 Cycles

Switch function
A=With switch
N=No switch

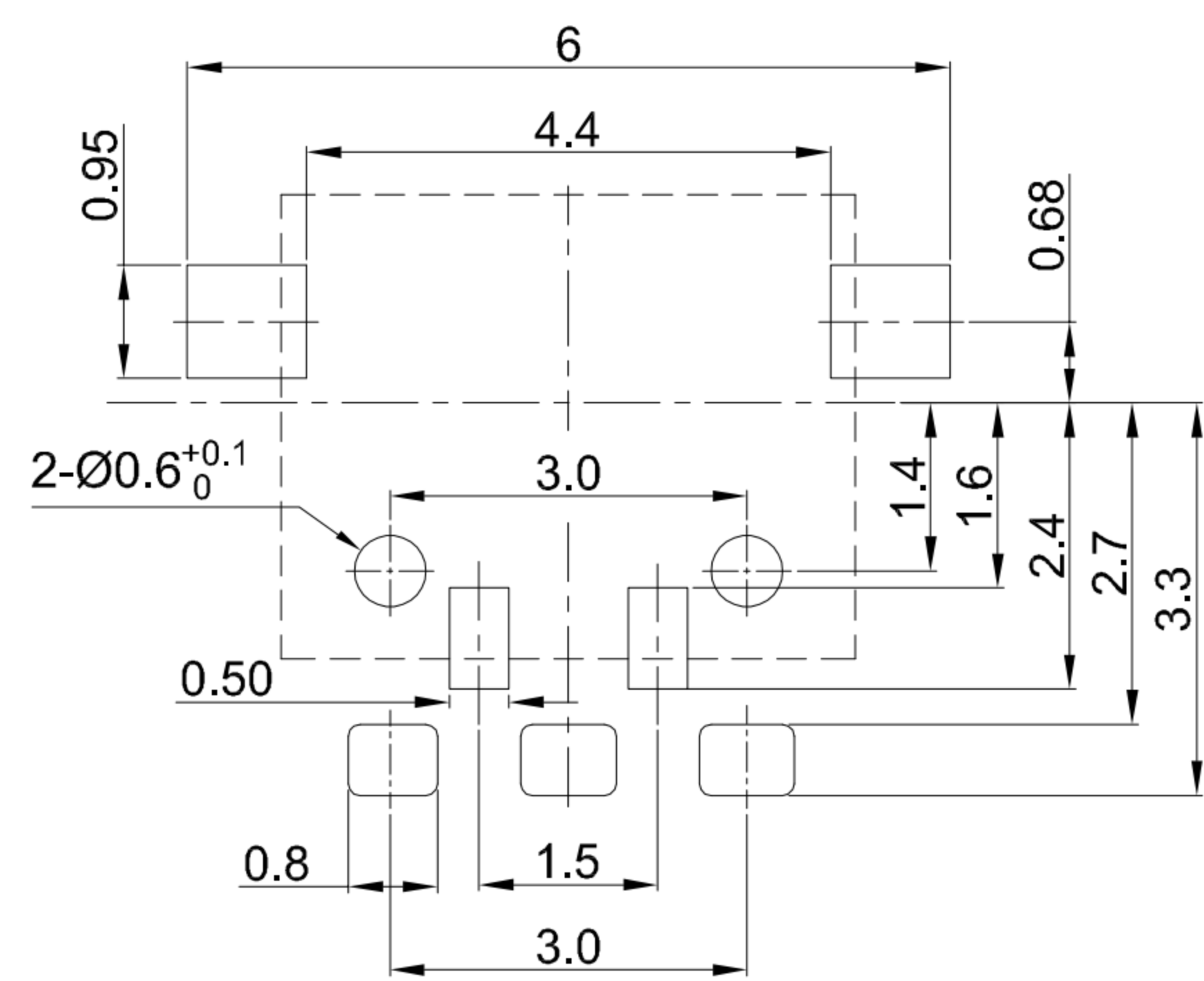
Operating Force
A=200gf With cc
B=200gf NT CC

Code
01=Type 1

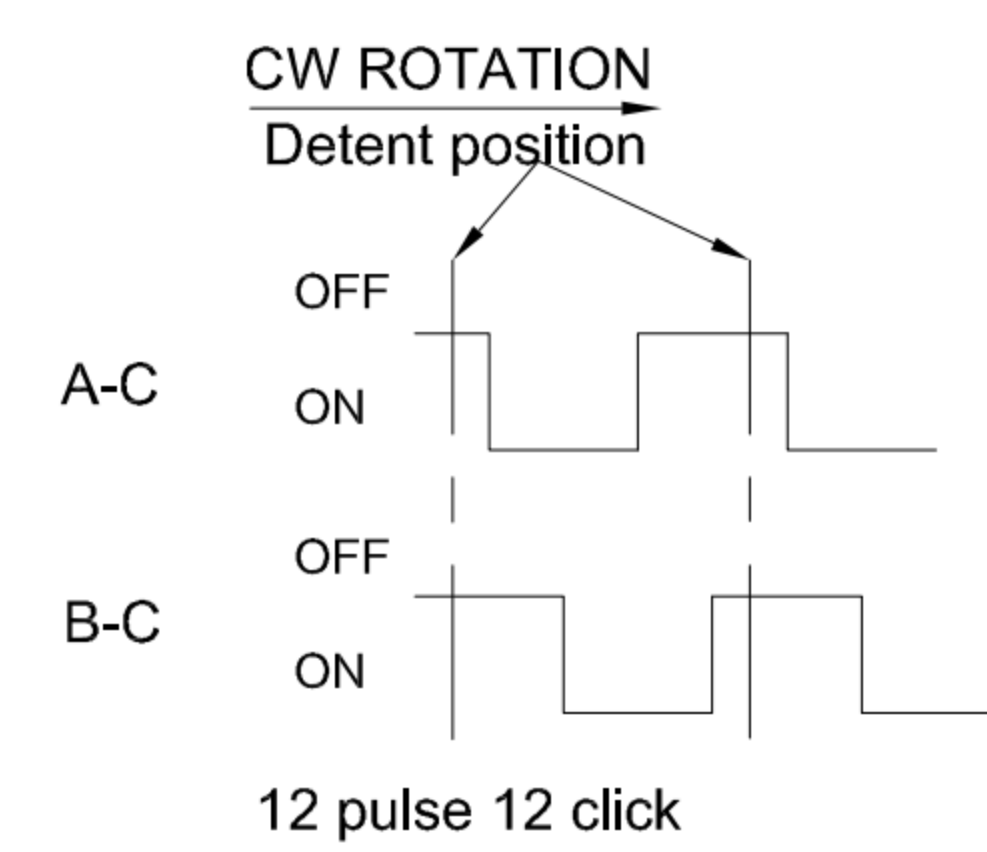
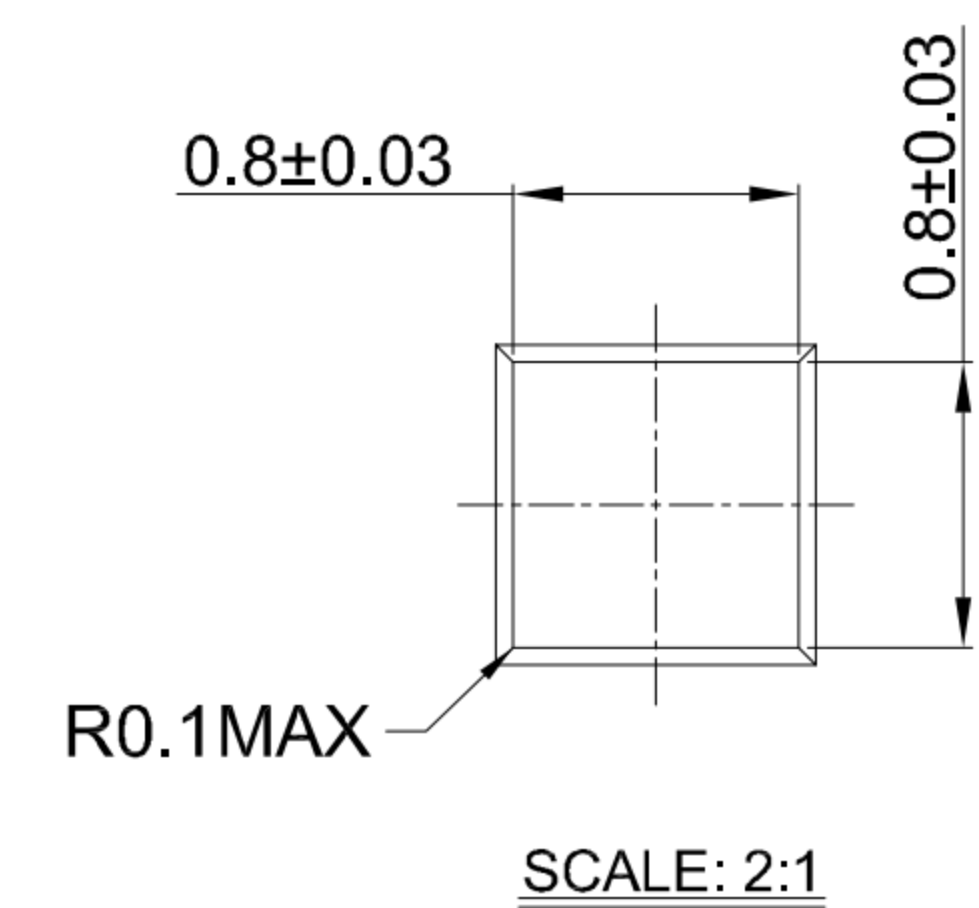
- G-Switch Specification:**
- 1. Operating temperature range: -40°C ~ +85°C
 - 2. Rating: 50mA.12V DC
 - 3. Insulation resistance: 100MΩ min.100V DC
 - 4. Dielectric strength: 100V AC for 1 min
 - 5. Contact resistance: 100m Ω max.
 - 6. Travel: 0.15±0.05mm



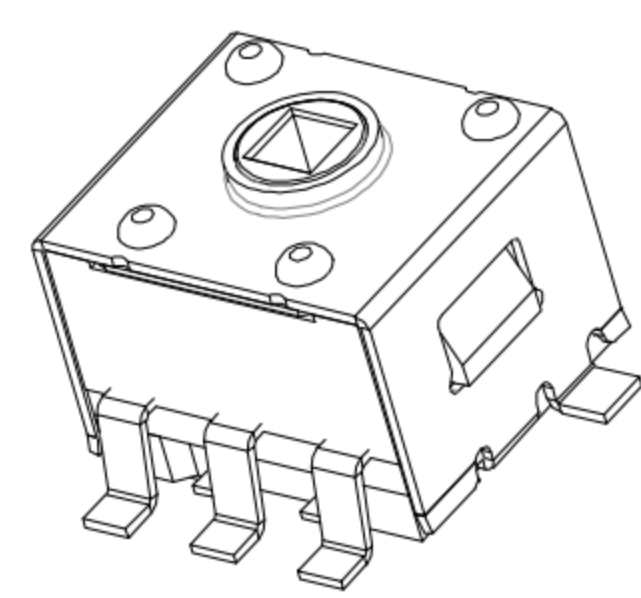
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



ITEM	NAME	MATERIAL
1	COVER	
2	ANCHOR PLATE	COPPER ALLOY(5191)
3	WHEEL GEAR	STAINLESS STEEL STRIPS(SUS301)
4	BASE	ENGINEERING PLASTIONS(PA46)
5	CONTACTSPRING	ENGINEERING PLASTIONS(PA46)
6	TERMINAL	COPPER ALLOY(5210)
7	TACT TERMINAL	COPPER ALLOY(5191)
8	PEDESTAL	ENGINEERING PLASTIONS(PA46)
9	SHRAPNEL	STAINLESS STEEL (SUS304)
10	MEMBRANE	PI



SCALE: 1:1	UNIT: mm	Title: Vertical Encoder With Switch SMT 4.8×3.9×3.5mm 12P/12C			
SIZE: A4		Molde Code: GT-EVA01AA-L1			
Unless otherwise General Tolerance: X. ±0.30 X.x ±0.20 X.xx ±0.15 X° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2024.12.30
		REV: A0		SHEET: 1/1	

