

A

B

C

D

E

1

2

3

4

5

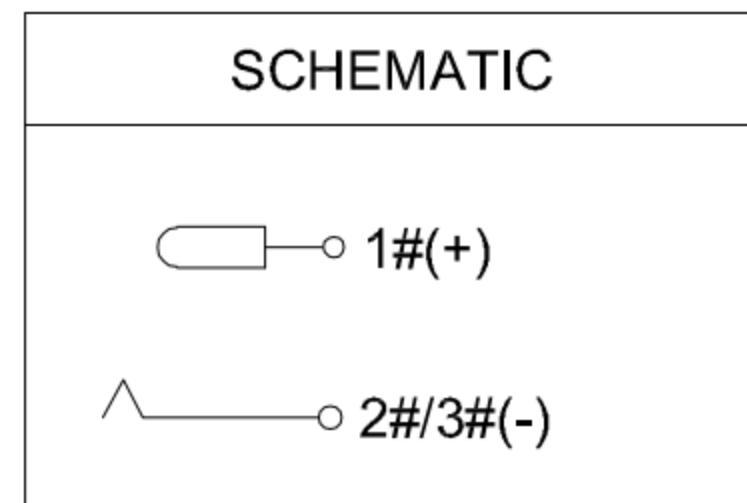
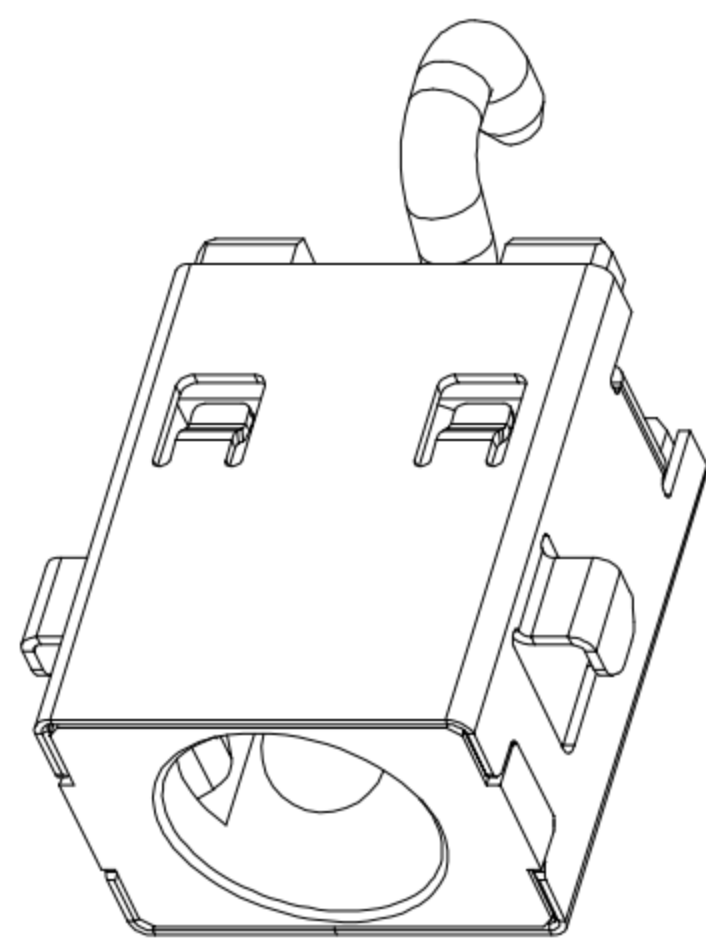
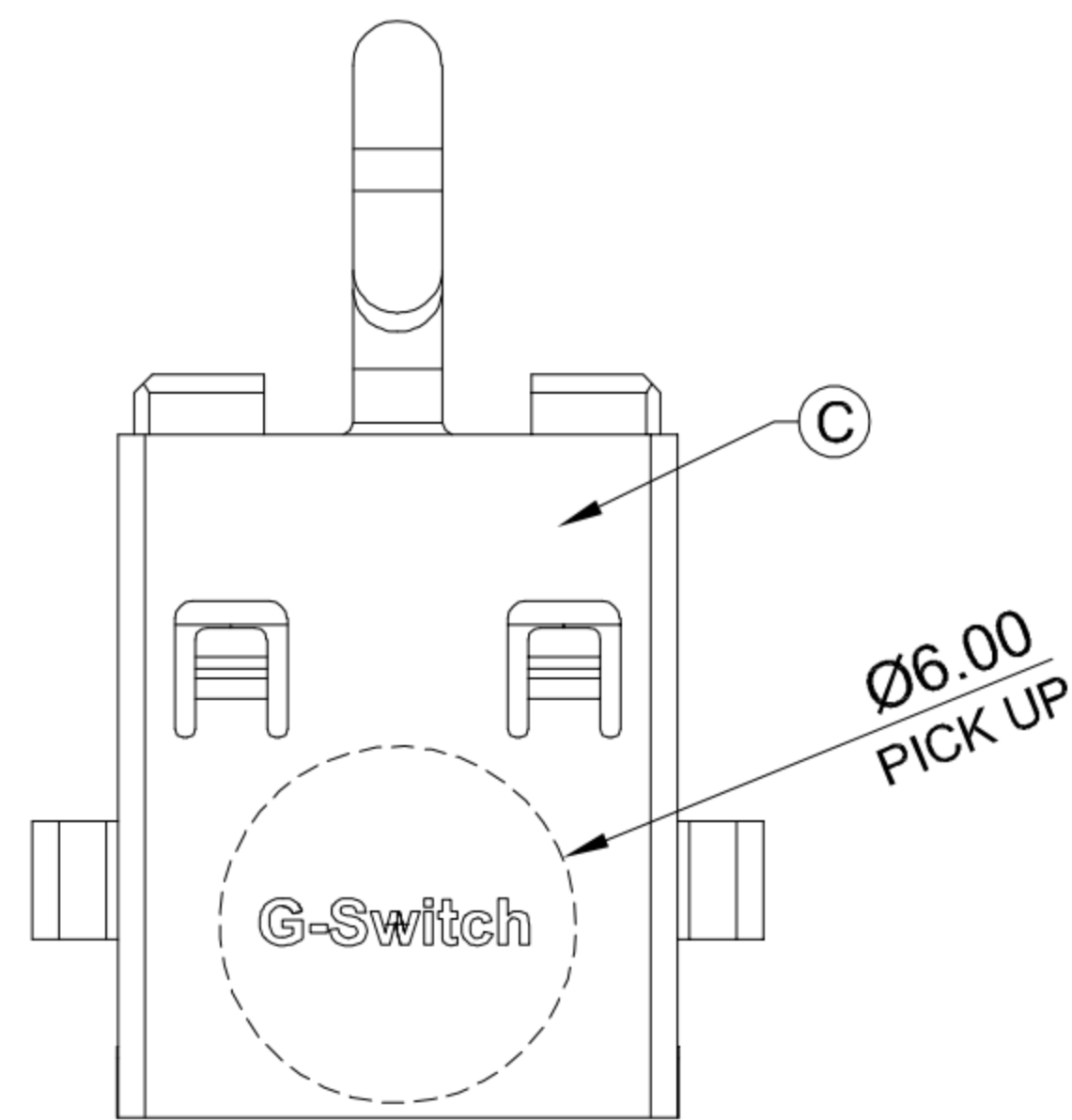
1

2

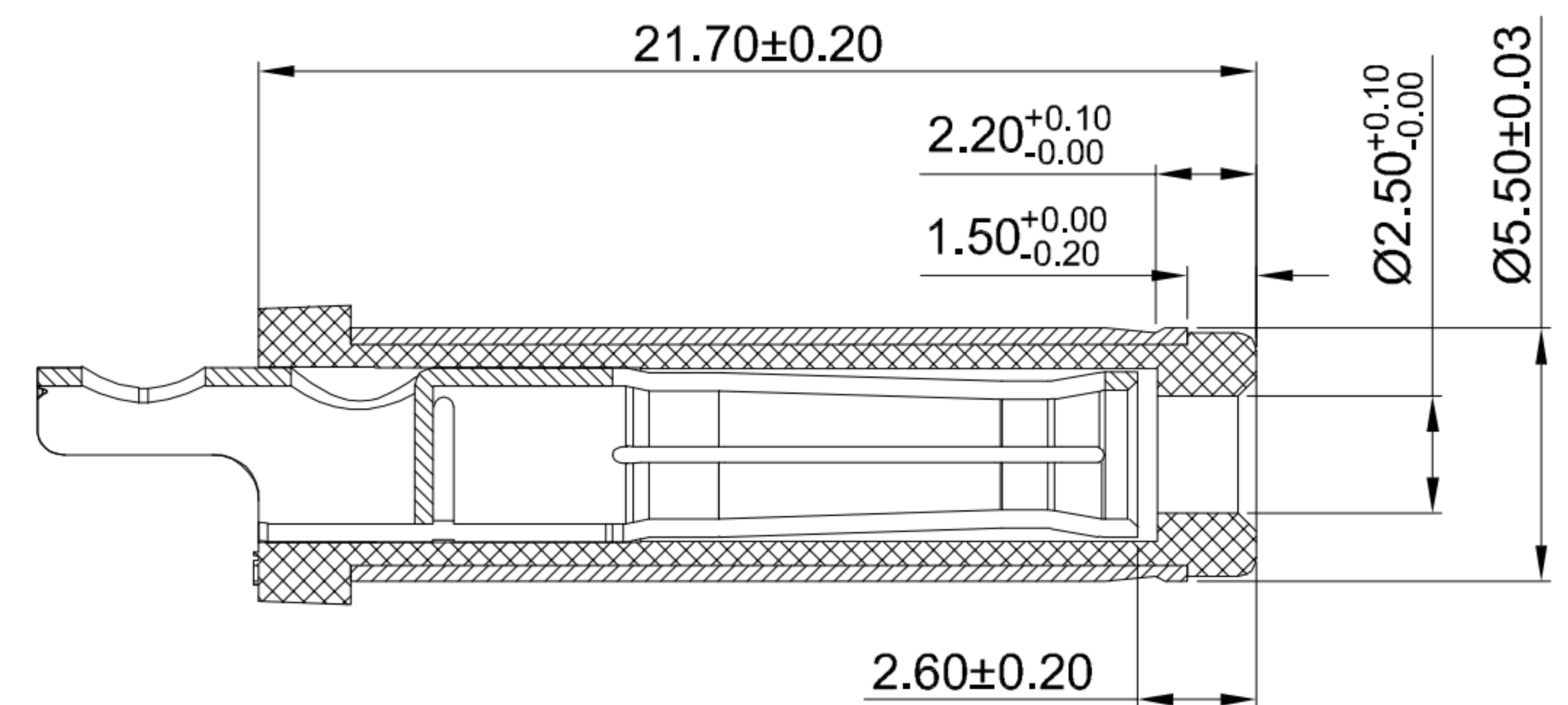
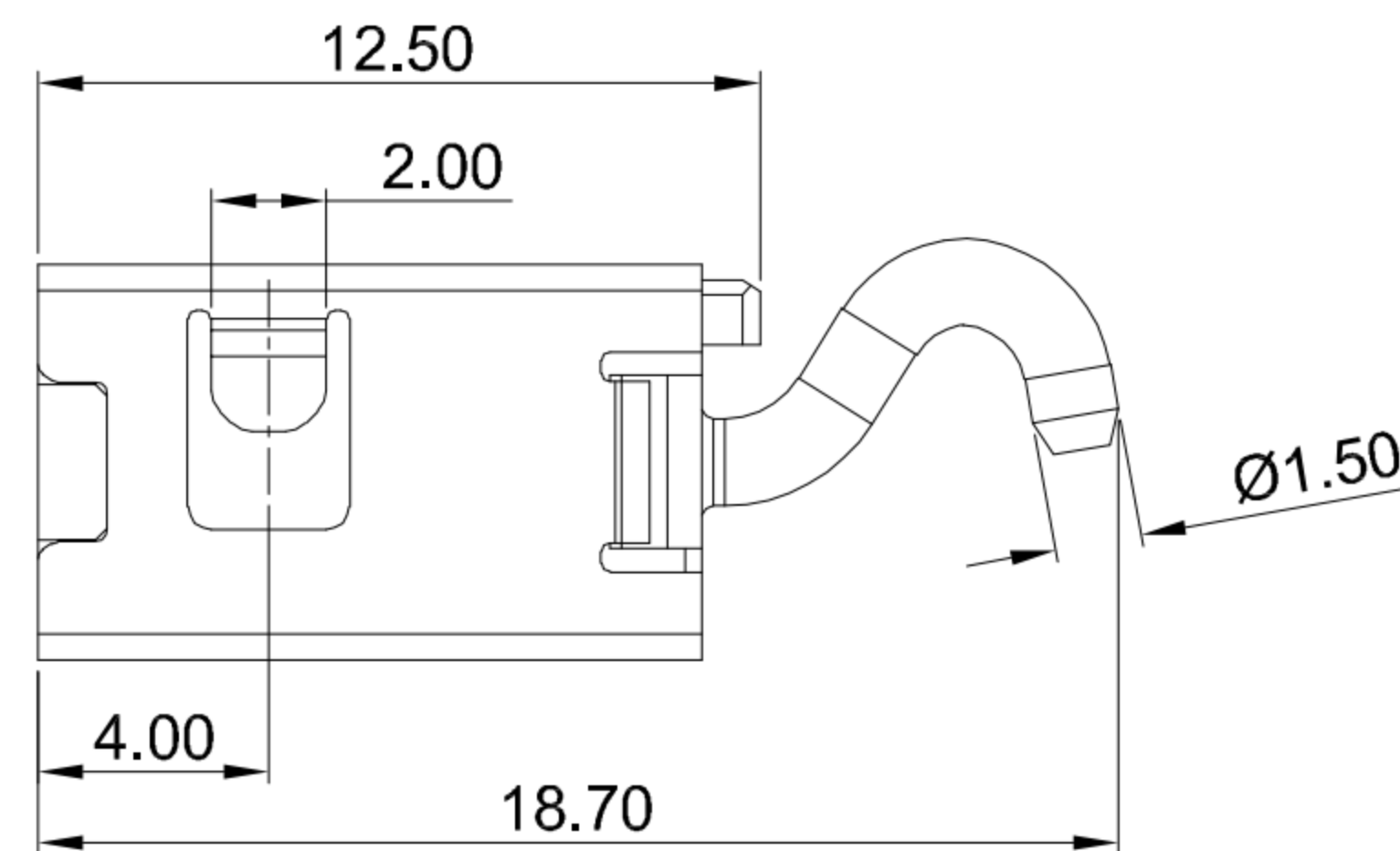
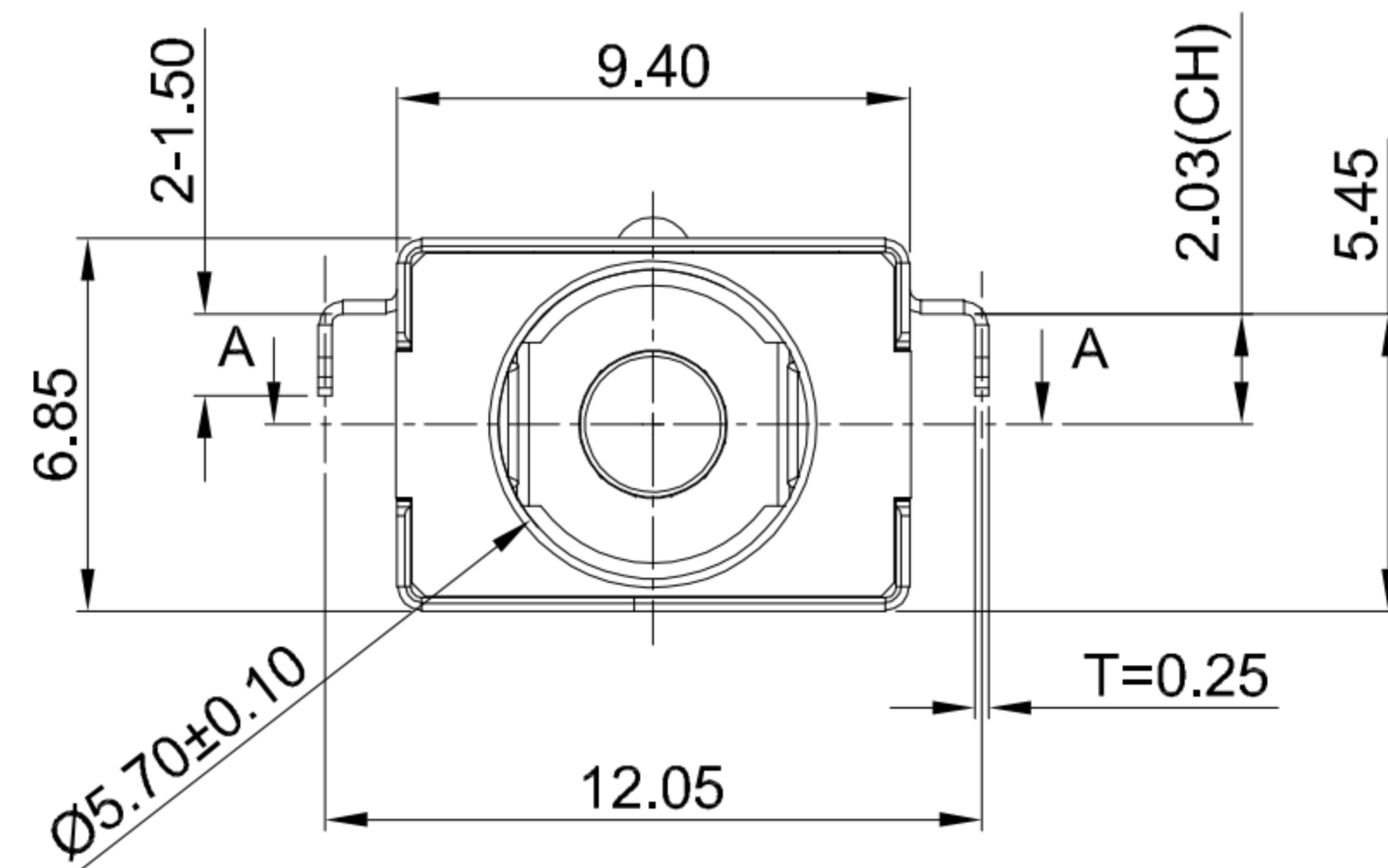
3

4

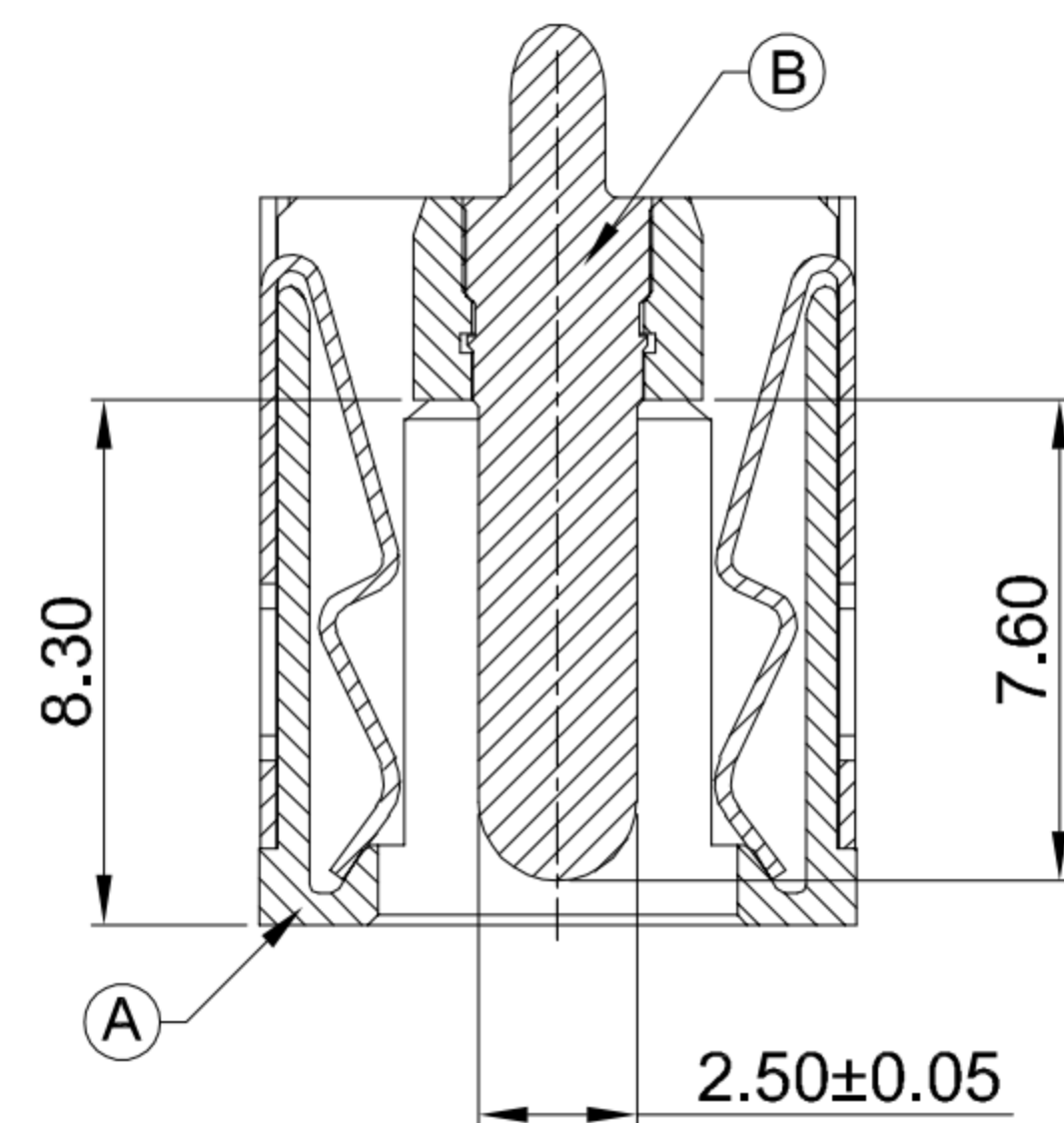
5



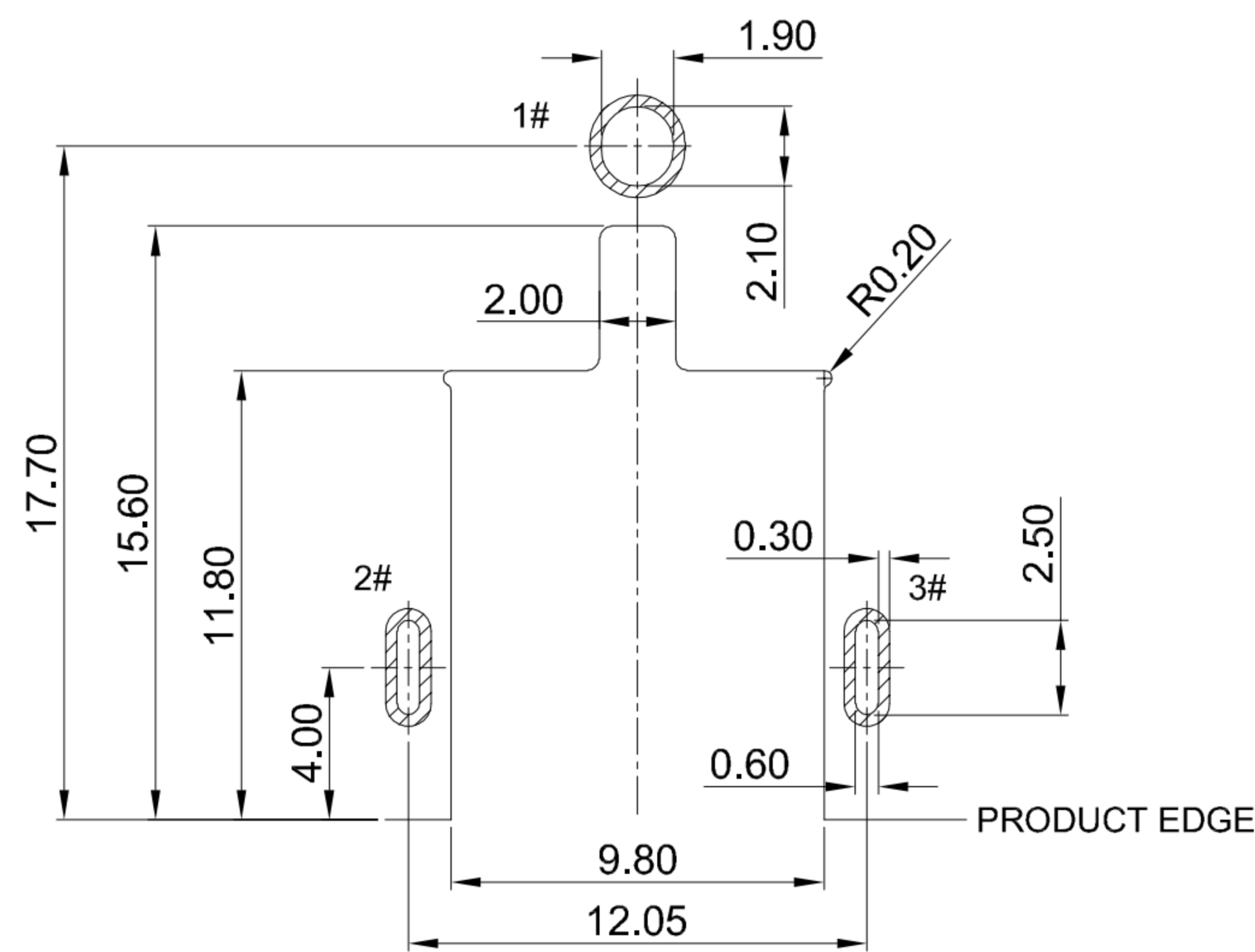
CIRCUIT DIAGRAM



MATING PLUG $\varnothing 5.5 \times 2.5 \text{mm}$



SECTION A-A

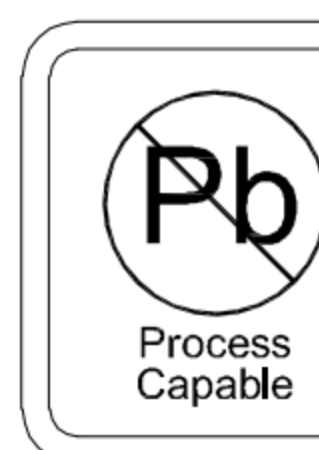


RECOMMENDED PCB LAYOUT
TOLERANCE: ± 0.05

G-Switch Specification:

1. Operating temperature range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Rated load: 15A.30V DC
3. Insulation resistance: 100M Ω min
4. Withstand voltage: 500V AC/min
5. Contact resistance: 30m Ω max(Initial), 50m Ω max(Final)
6. Durability cycle: 5,000 Cycles
7. Insertion and extraction force: 3-30N

A	HOUSING	HIGH TEMPERATURE PLASTIC	PA10T BLACK
B	CENTER PIN	BRASS	GOLD FLASH
C	SHELL	COPPER ALLOY C5210	Ni PLATING
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1
UNIT: mm
SIZE: A4

Unless otherwise
General tolerance:
X ± 0.50
X.x ± 0.30
X.xx ± 0.20
X.xxx ± 0.10
X.x° $\pm 3^{\circ}$

Title: Horizontal DC Power Jack 5525
DIP Sink 5.45 CH=2.03 $\varnothing 2.5 \text{mm}$

Molde Code: DC-S012D-D025-15A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0
SHEET: 1/1