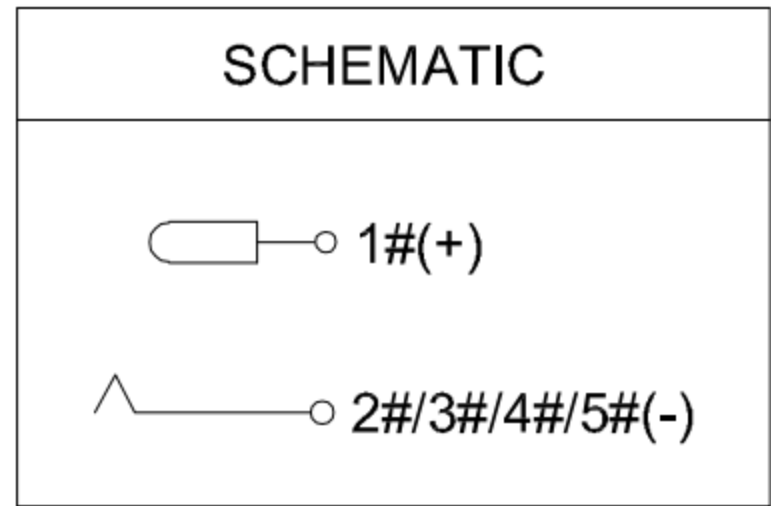
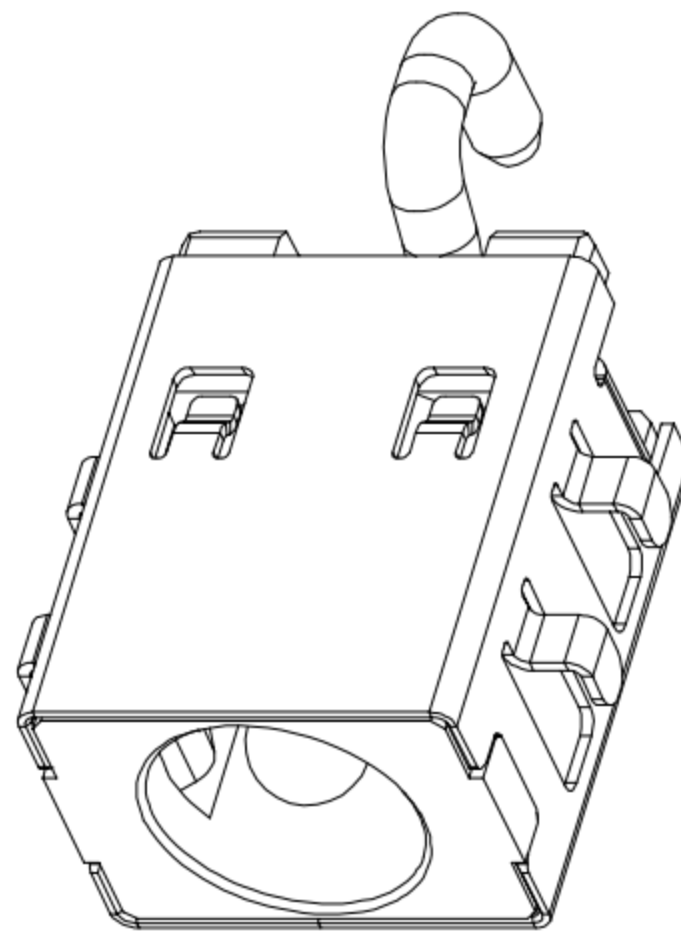
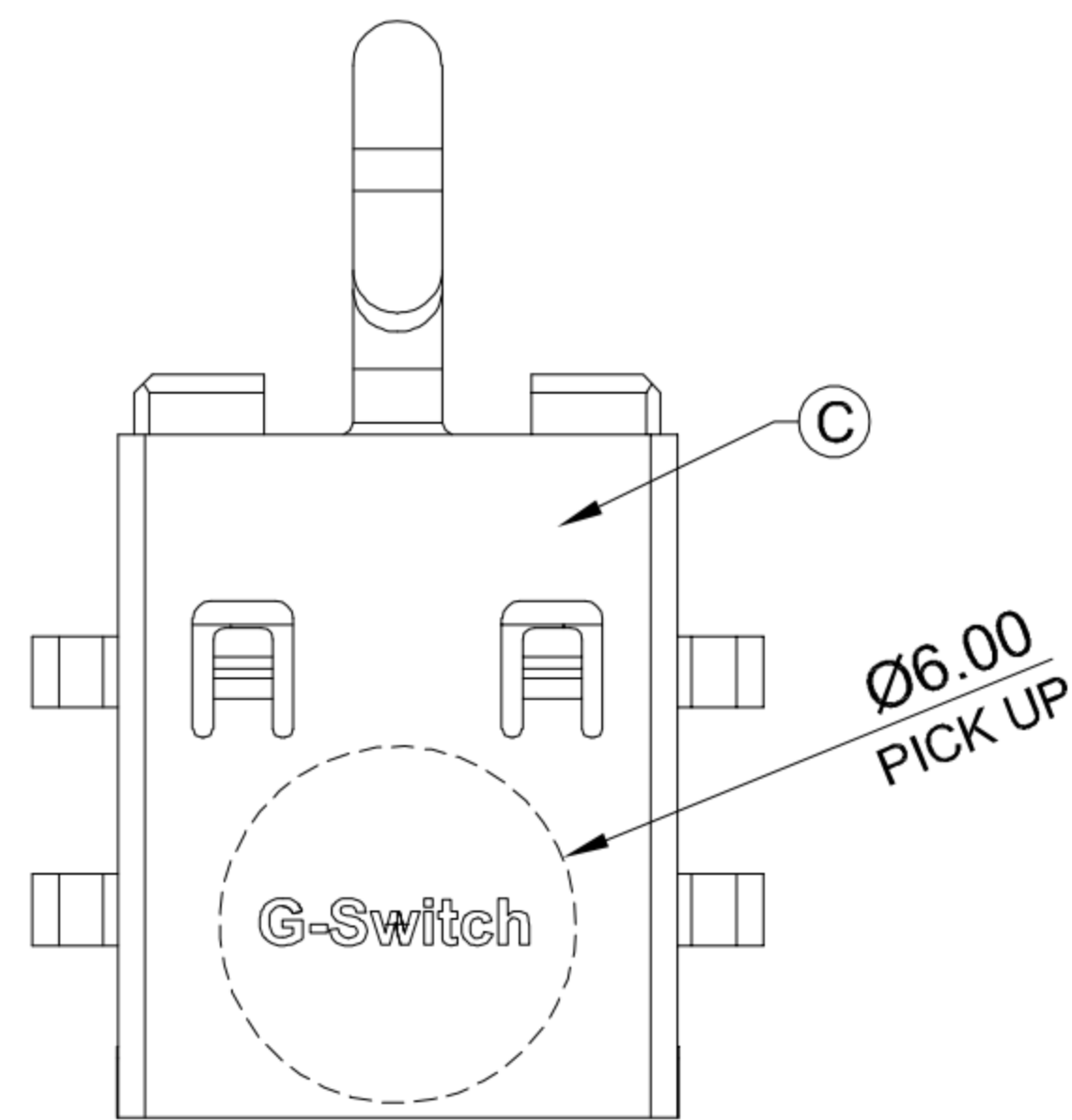
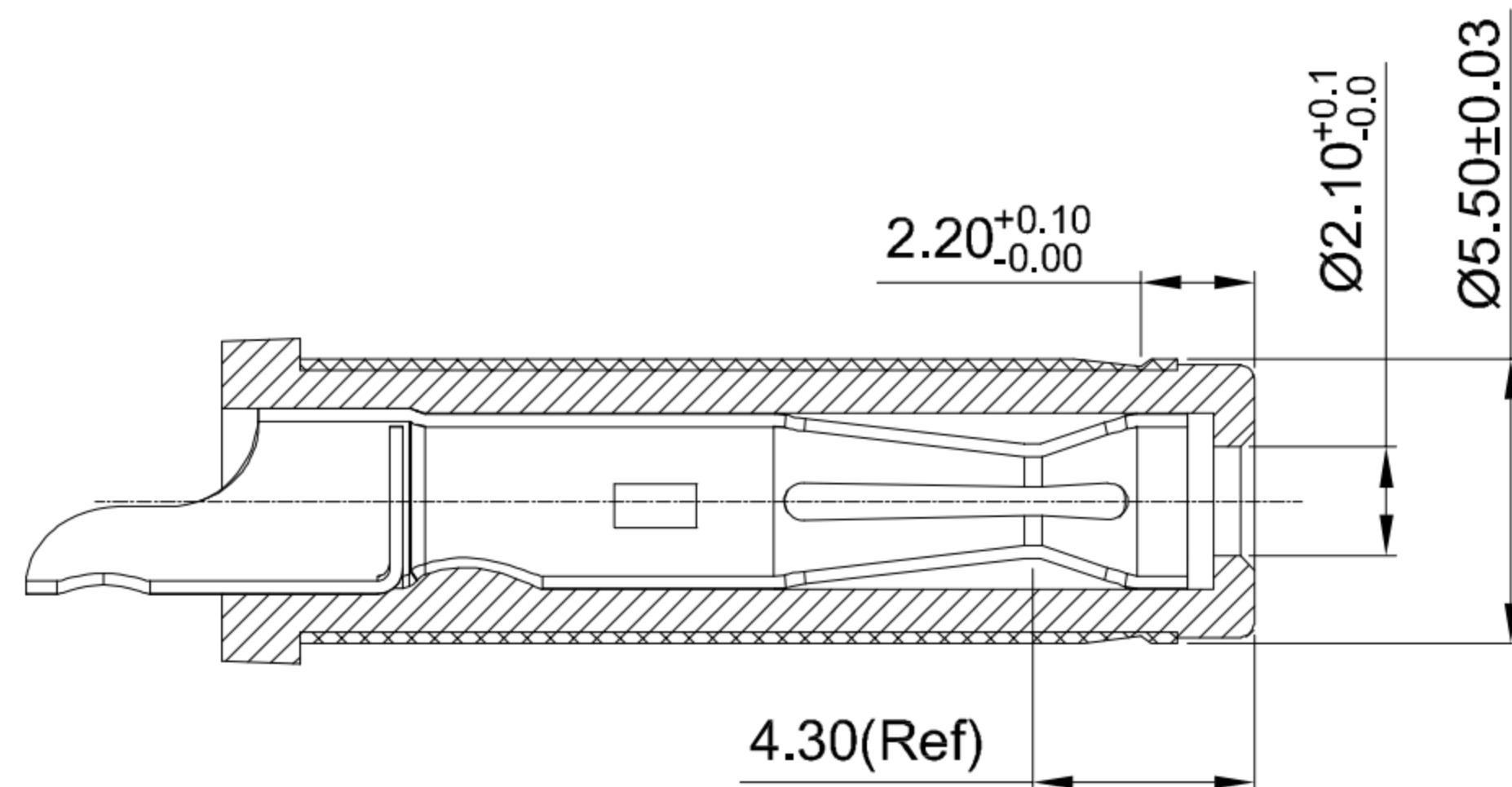
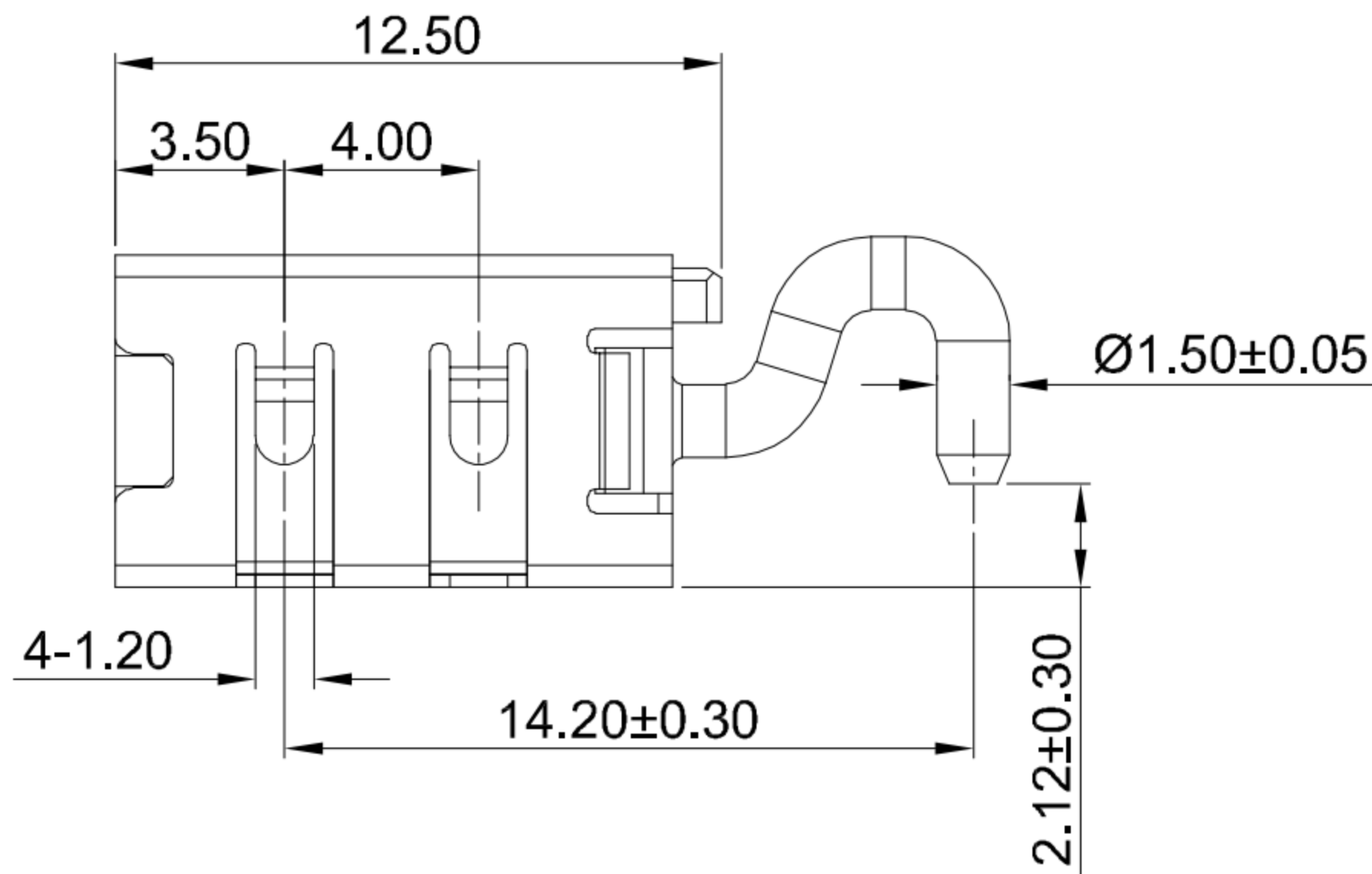
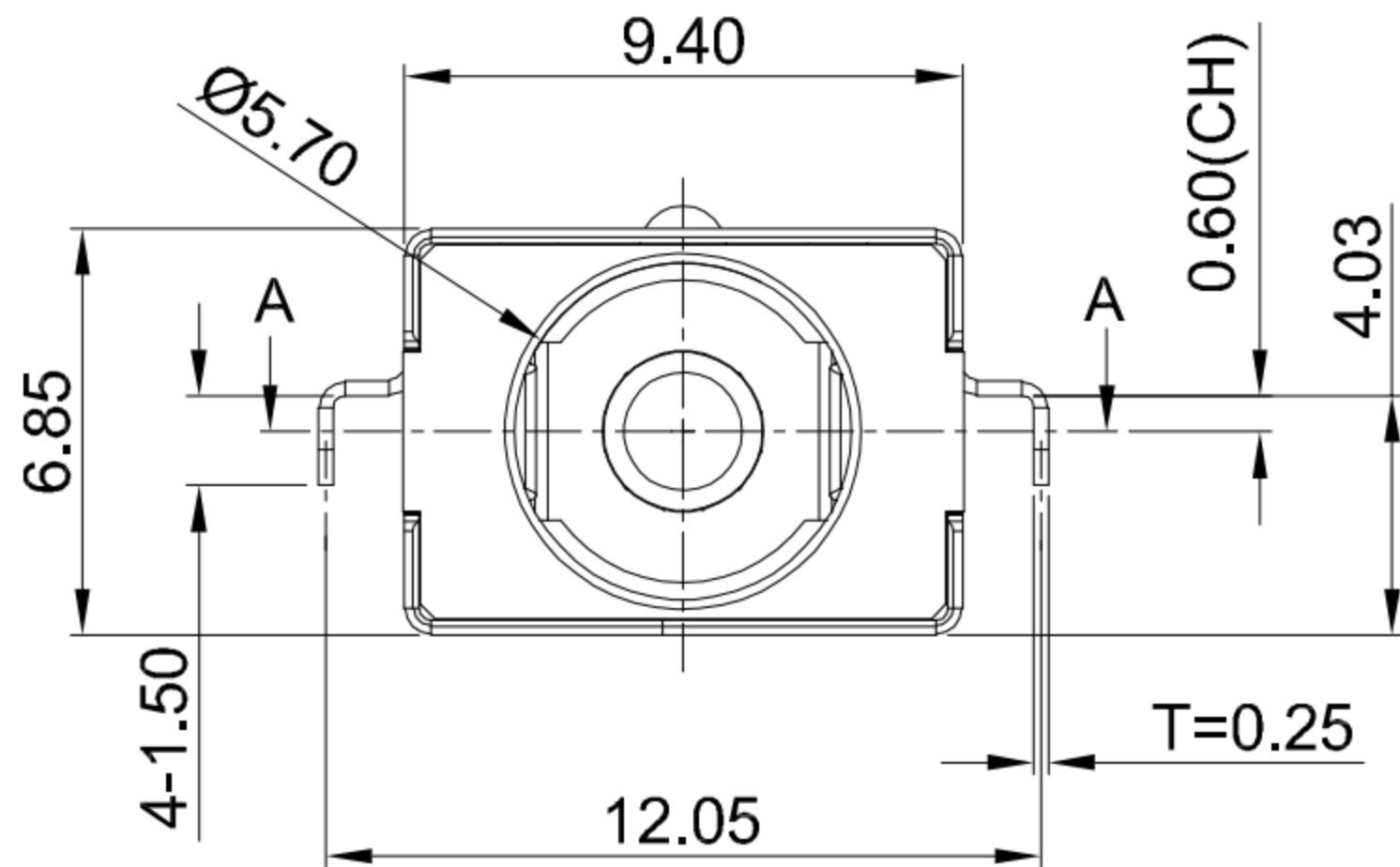
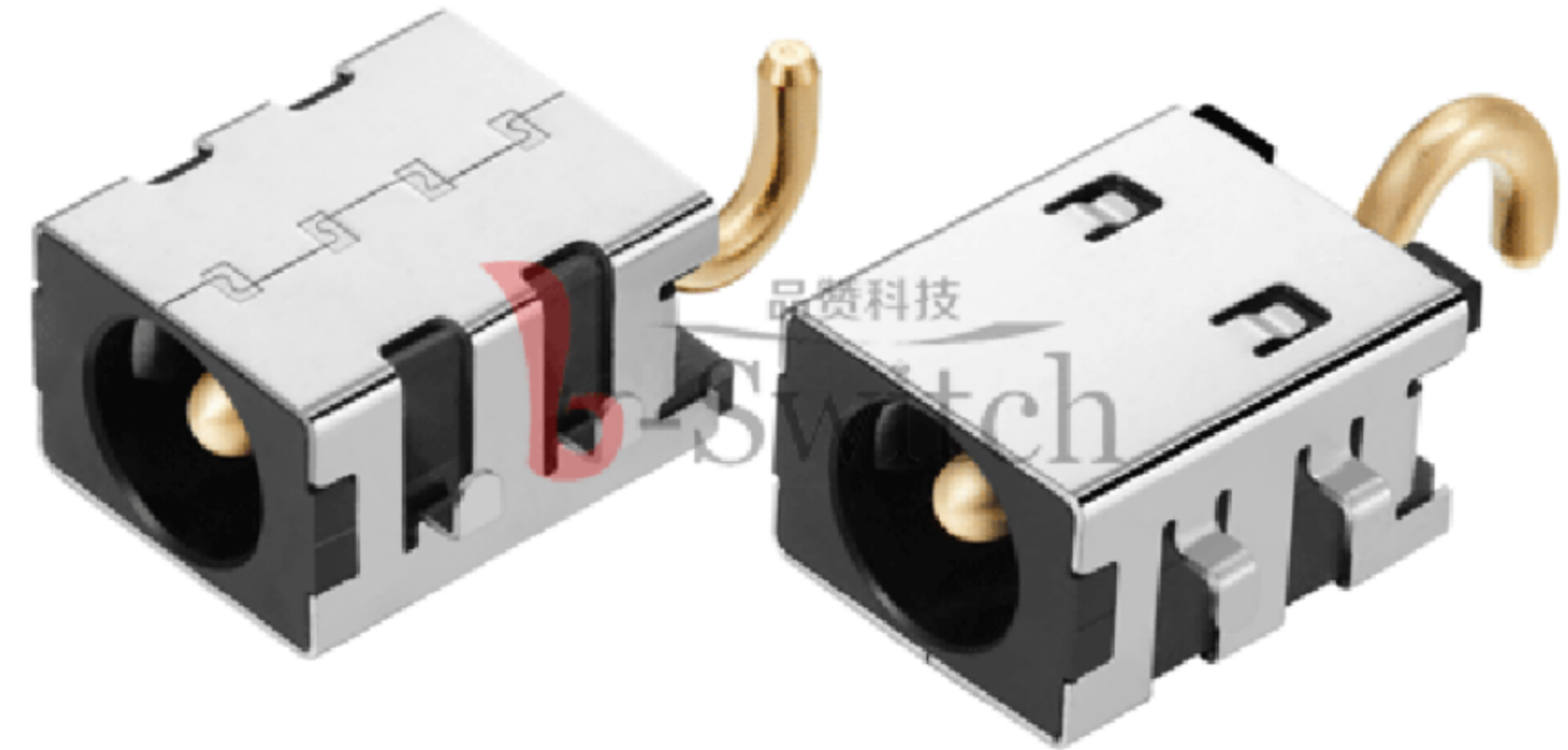


1
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3
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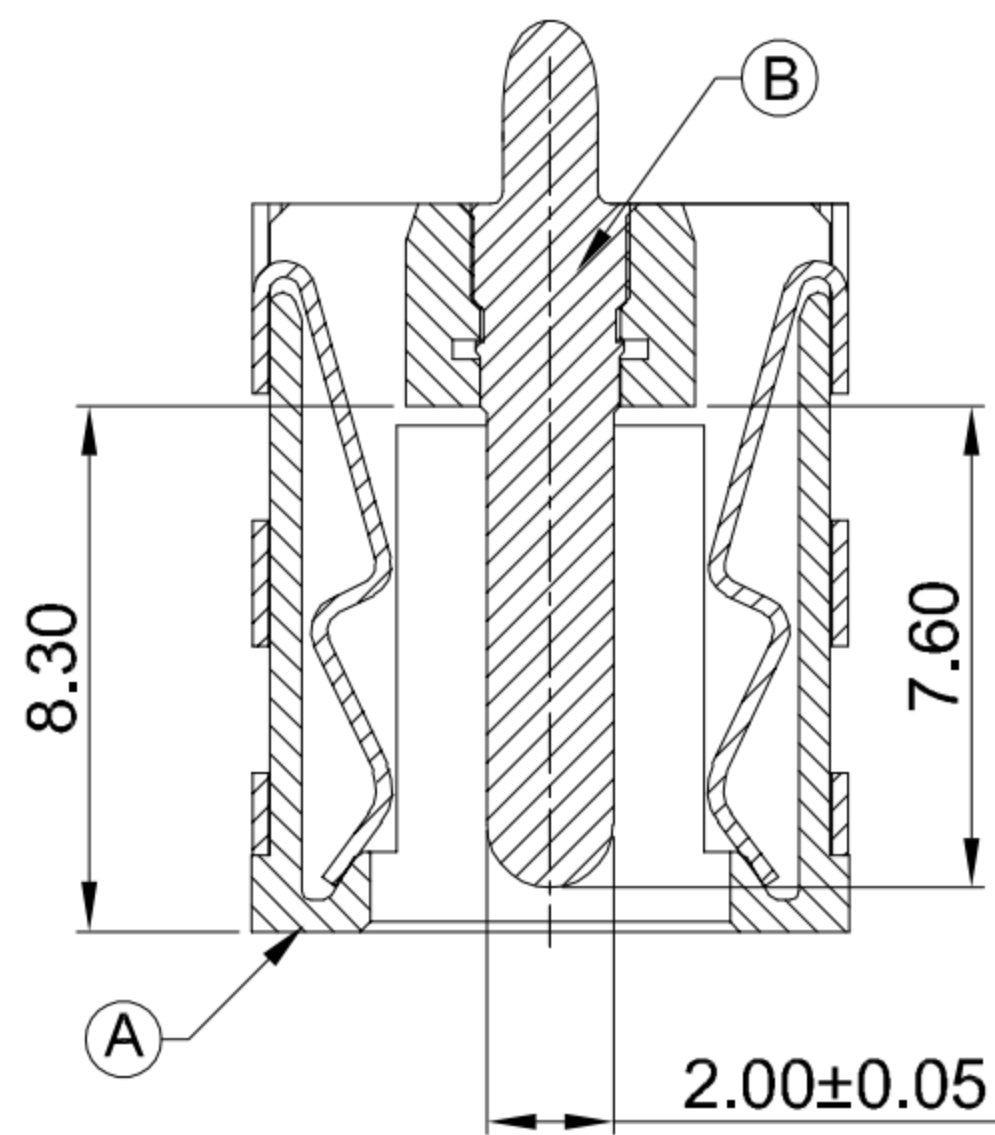
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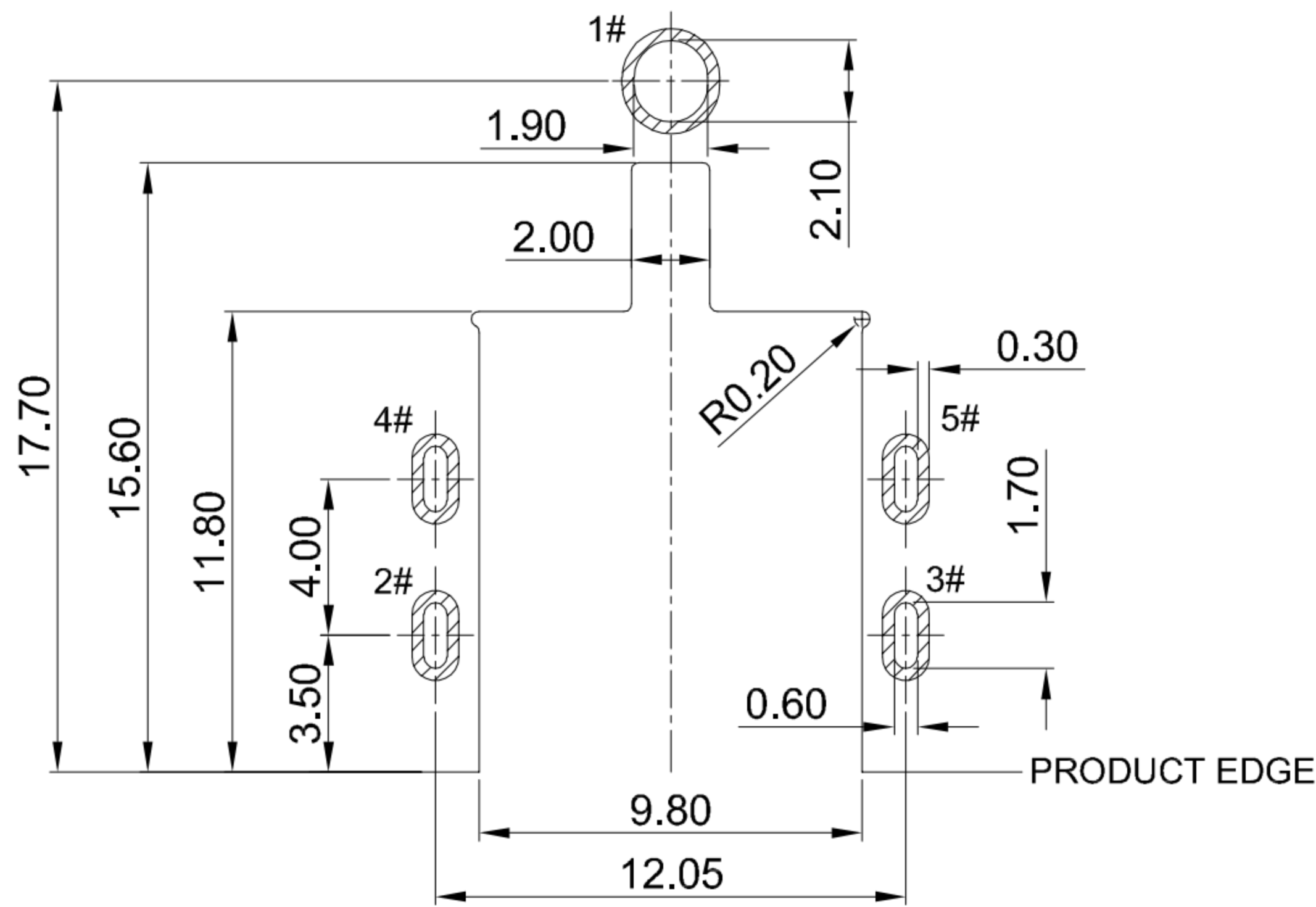
CIRCUIT DIAGRAM



MATING PLUG Ø5.5xØ2.1mm



SECTION A-A

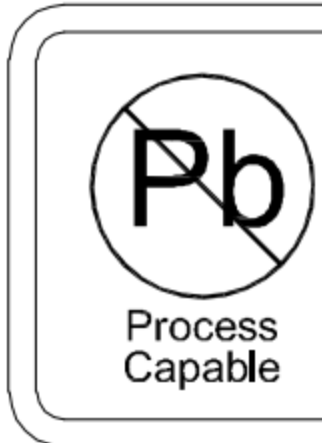


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rated load: 15A.30V DC
3. Insulation resistance: 100MΩ min
4. Withstand voltage: 500V AC/min
5. Contact resistance: 30mΩ max(Initial), 50mΩ 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° ±3°

Title: Horizontal DC Power Jack 5521
DIP Sink4.03 CH=-0.6 Ø2.0mm

Molde Code: DC-S012B-D020-15A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1

A

B

C

D

E