

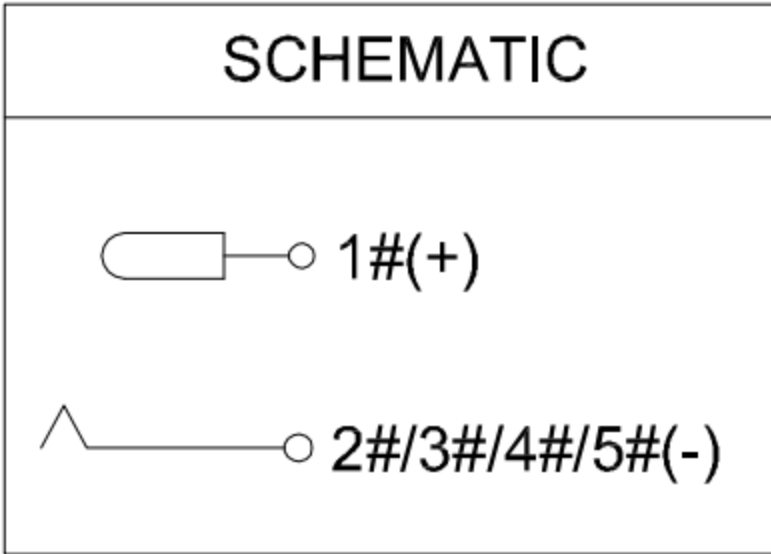
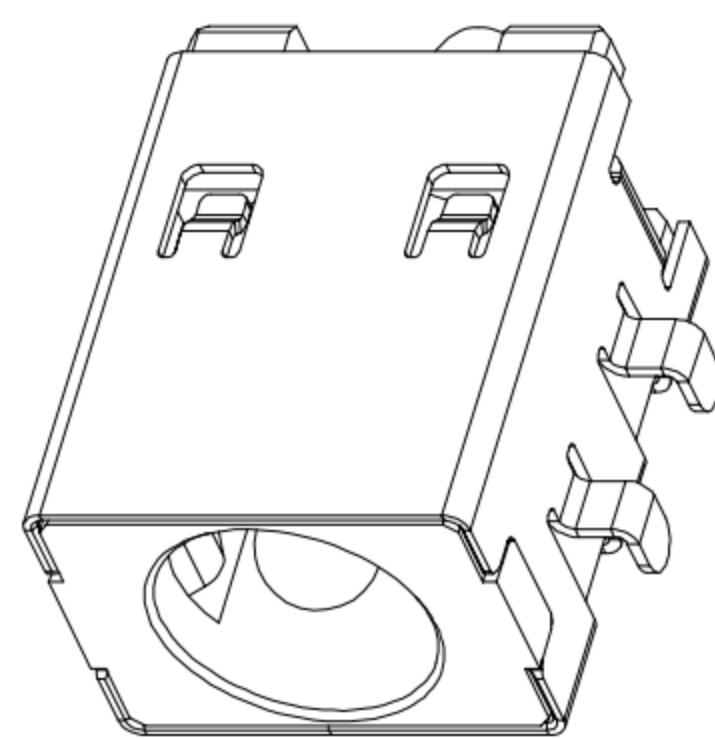
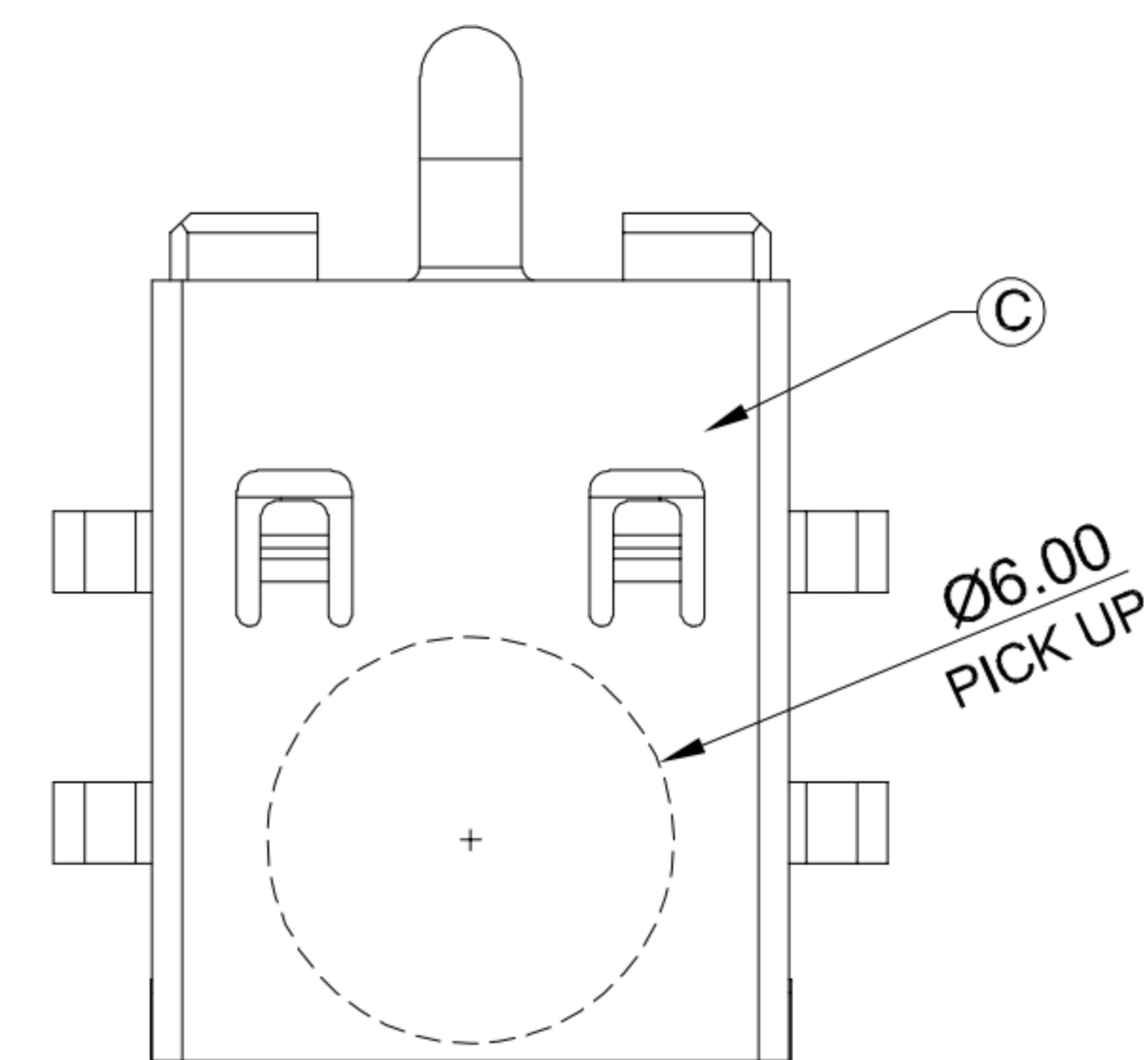
A

B

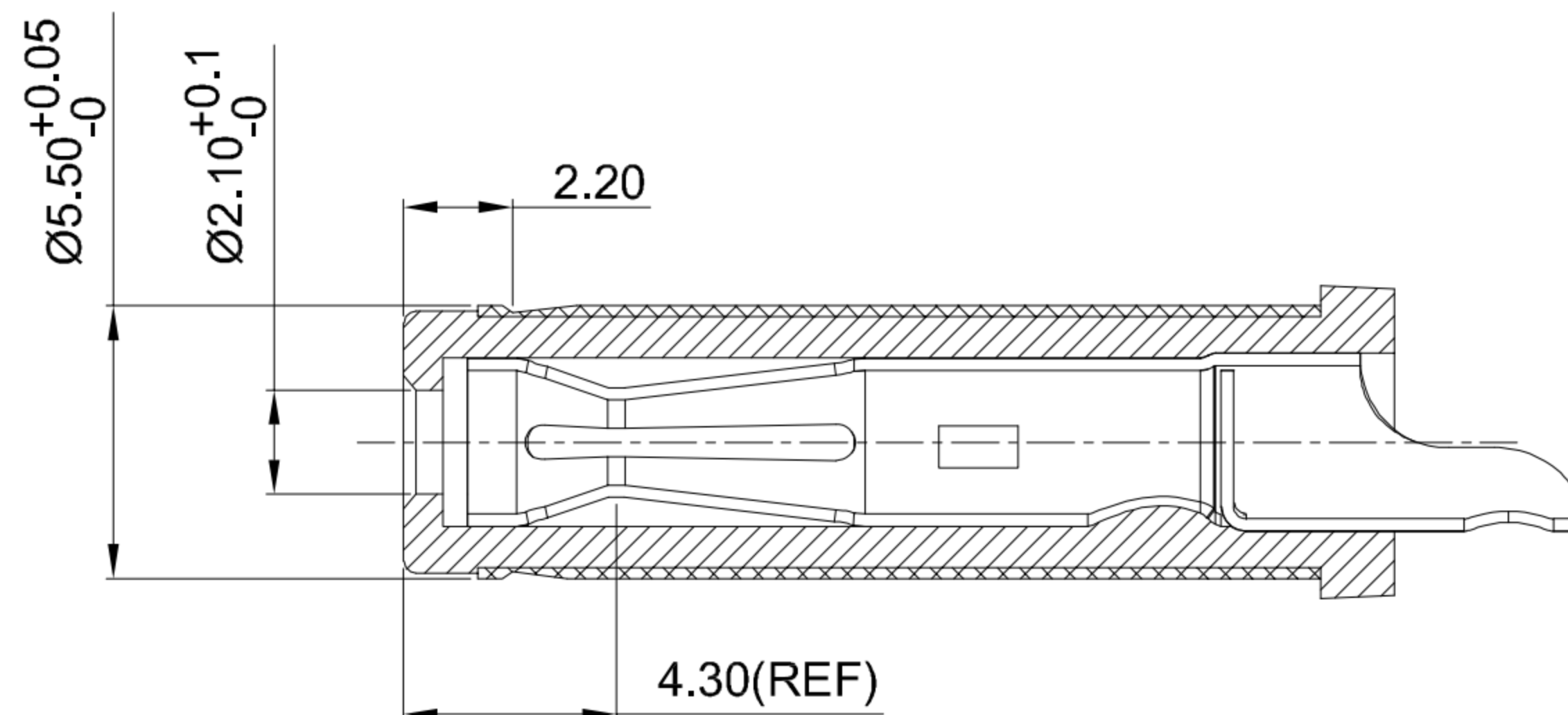
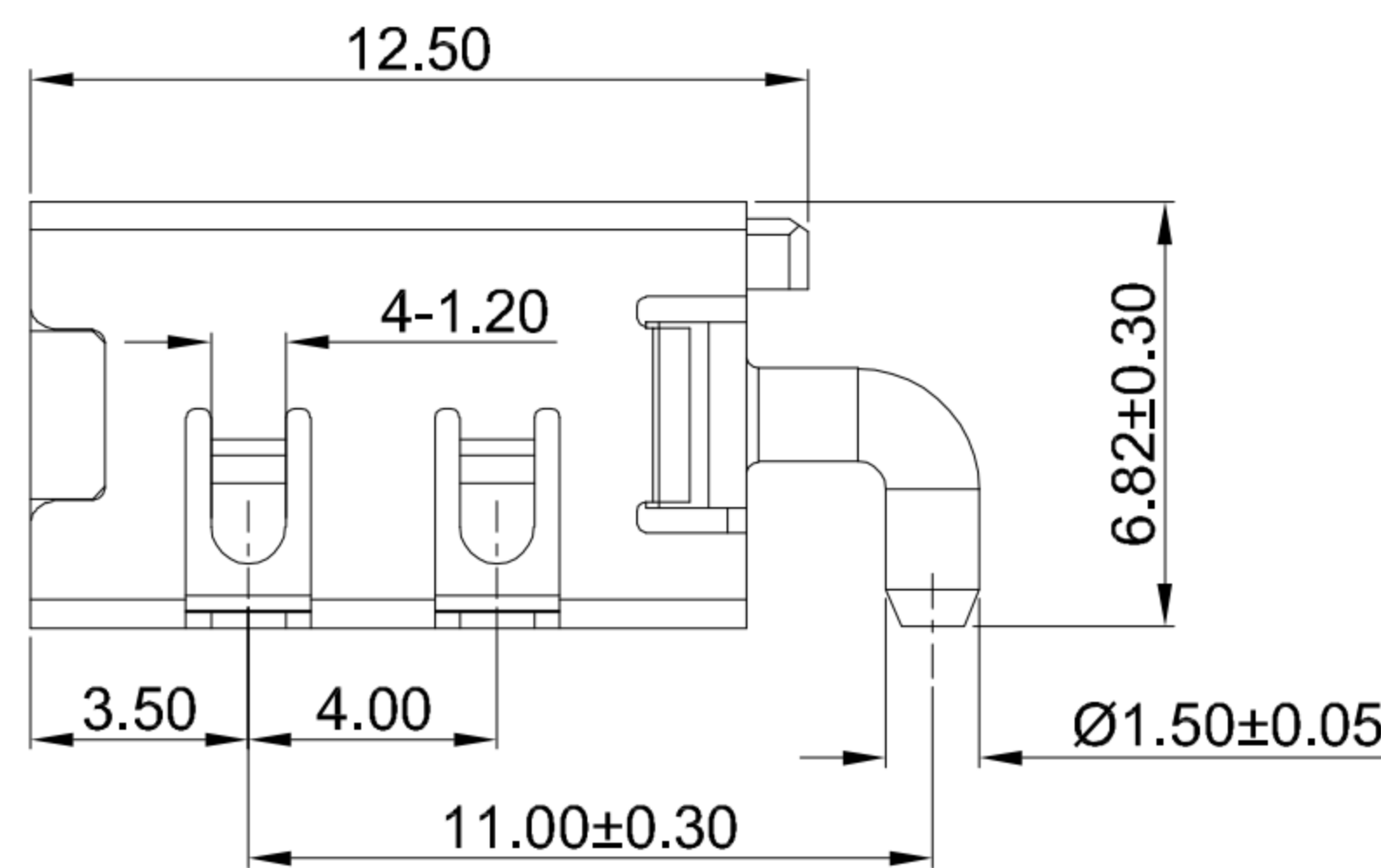
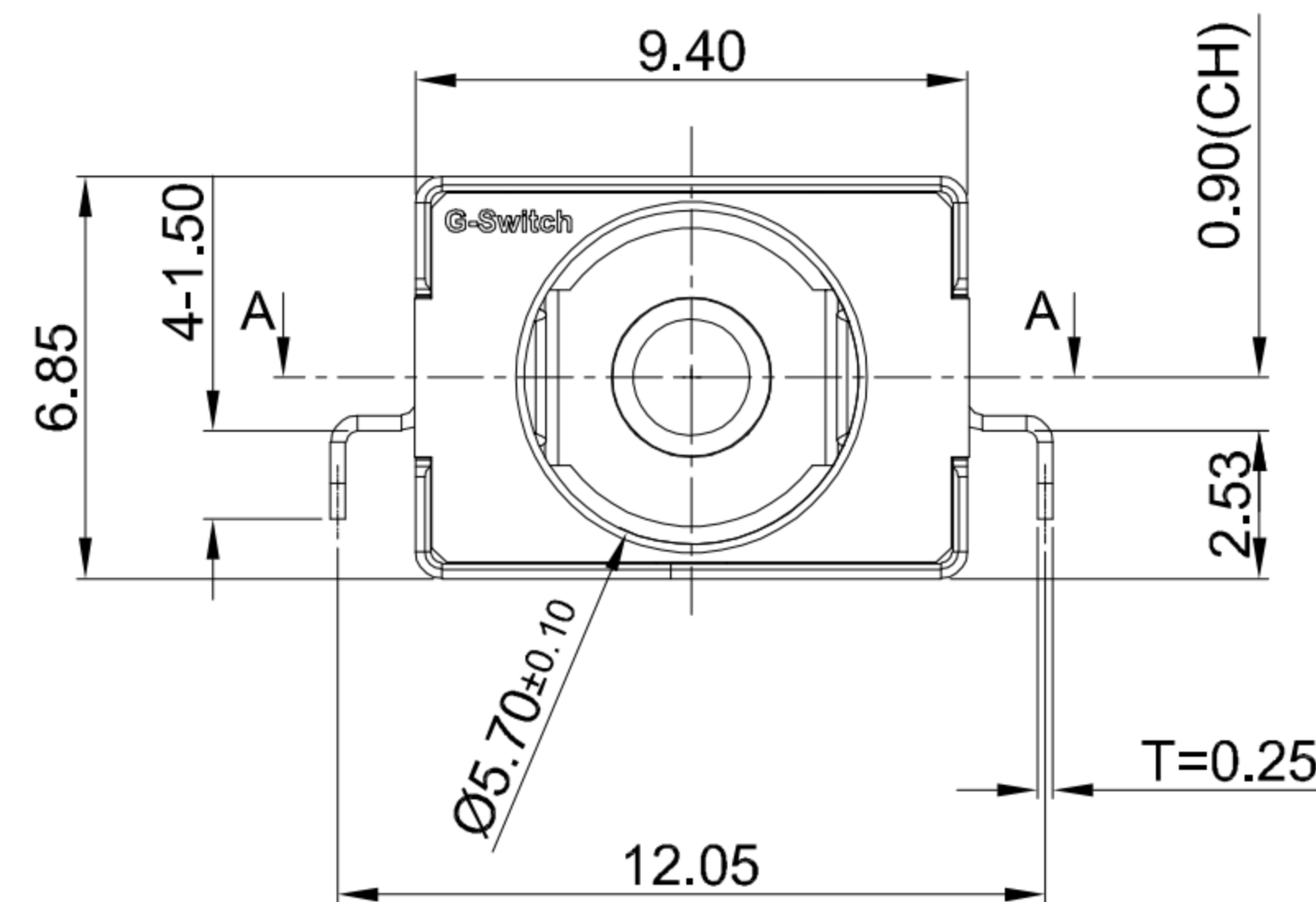
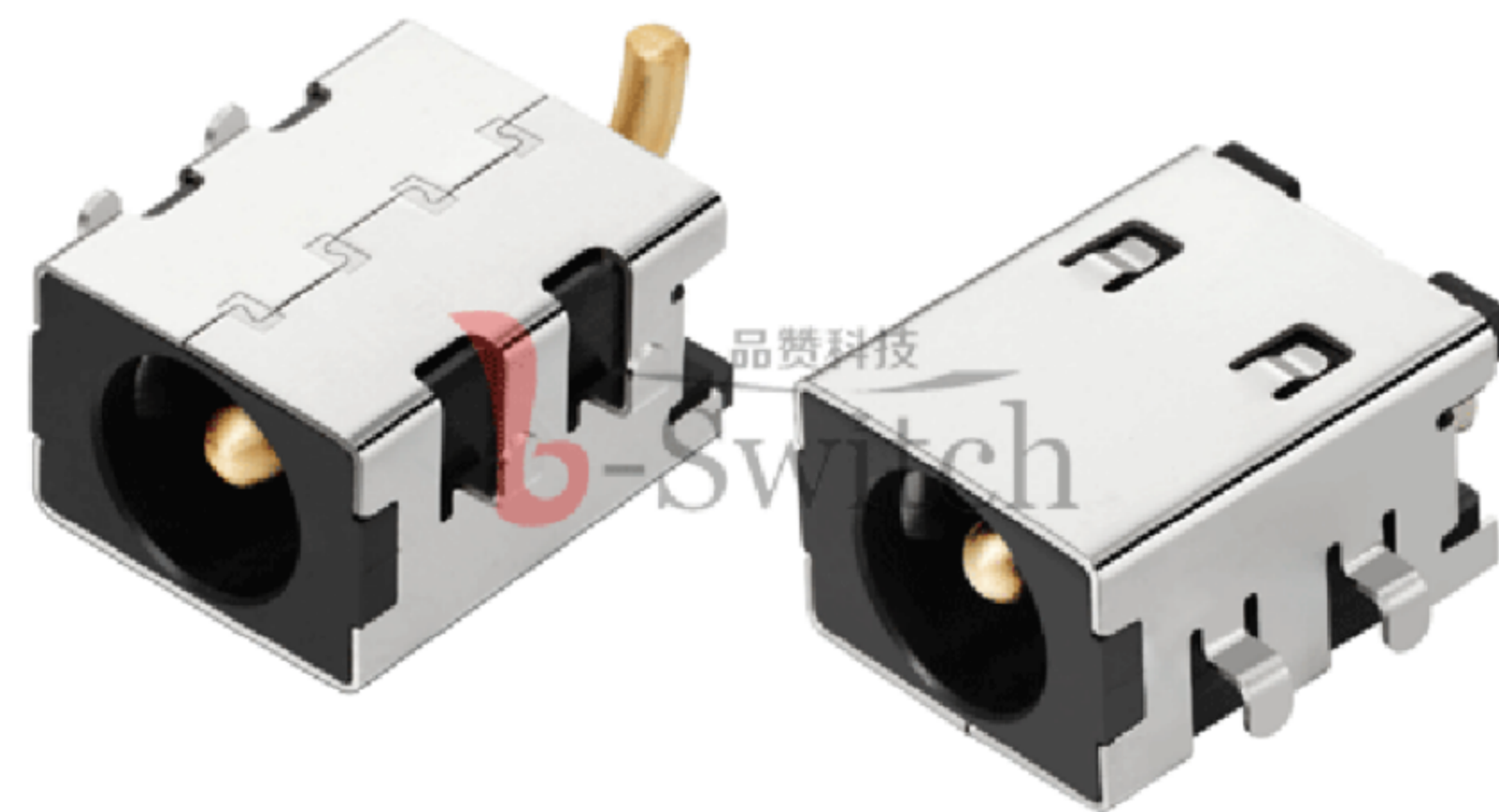
C

D

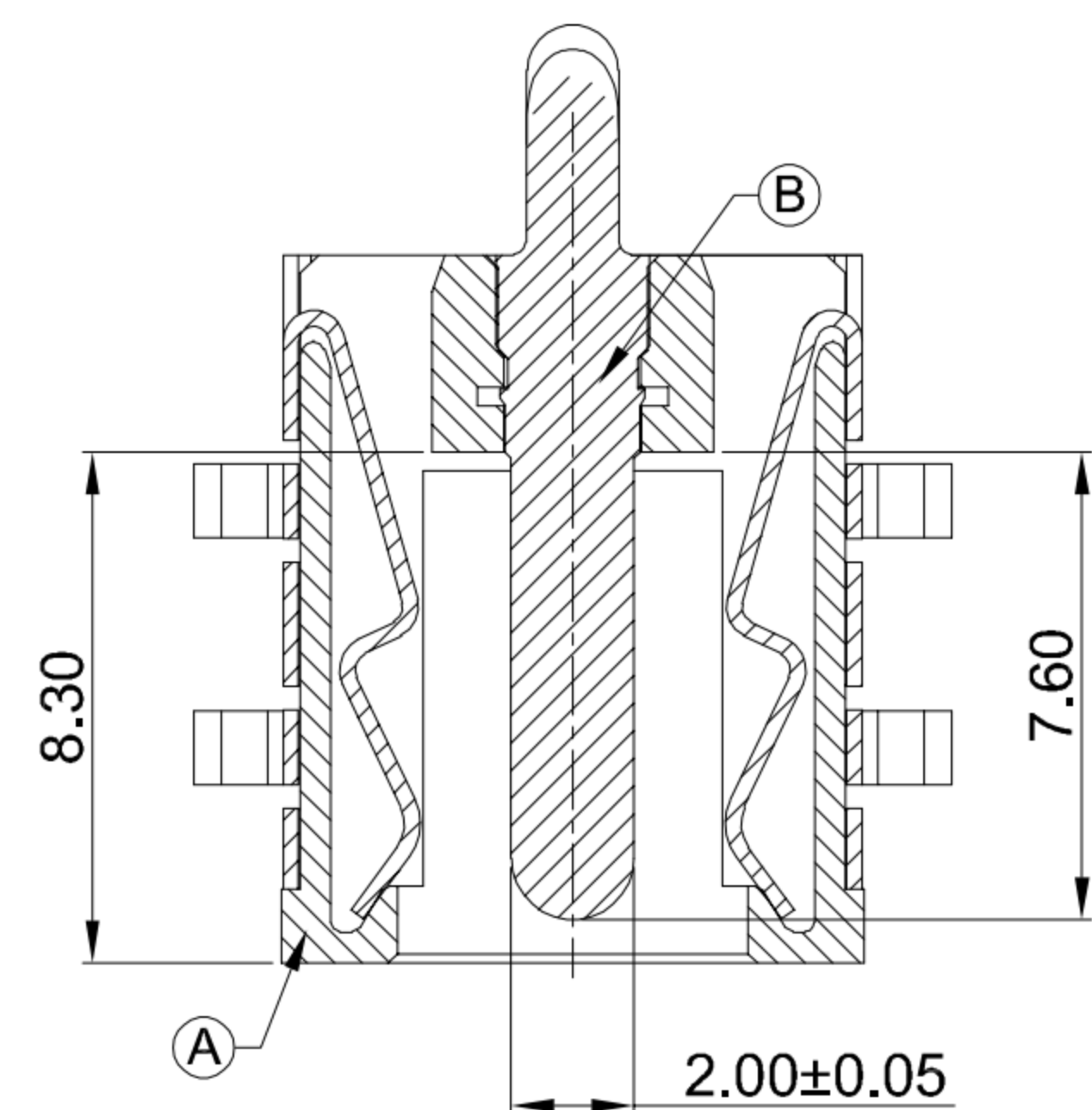
E



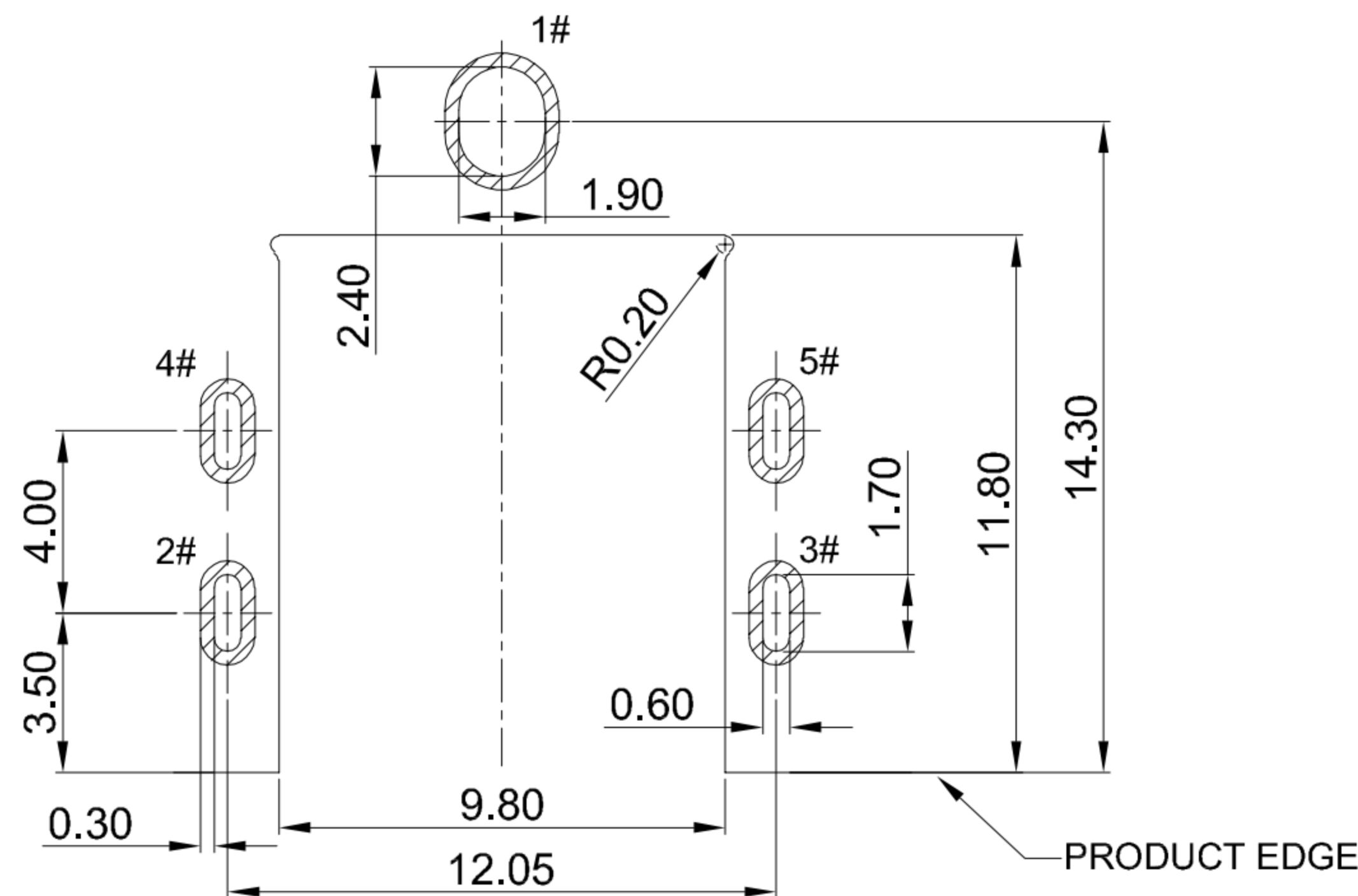
CIRCUIT DIAGRAM



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
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/Ni
C	SHELL	C5210	Ni PLATING
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: Horizontal DC Power Jack 5521 DIP Sink2.53 CH=0.9 L=12.5 Ø2.0mm			
SIZE: A4		Molde Code: DC-S007C-D020-15A			
Unless otherwise General tolerance: X ±0.50 X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1