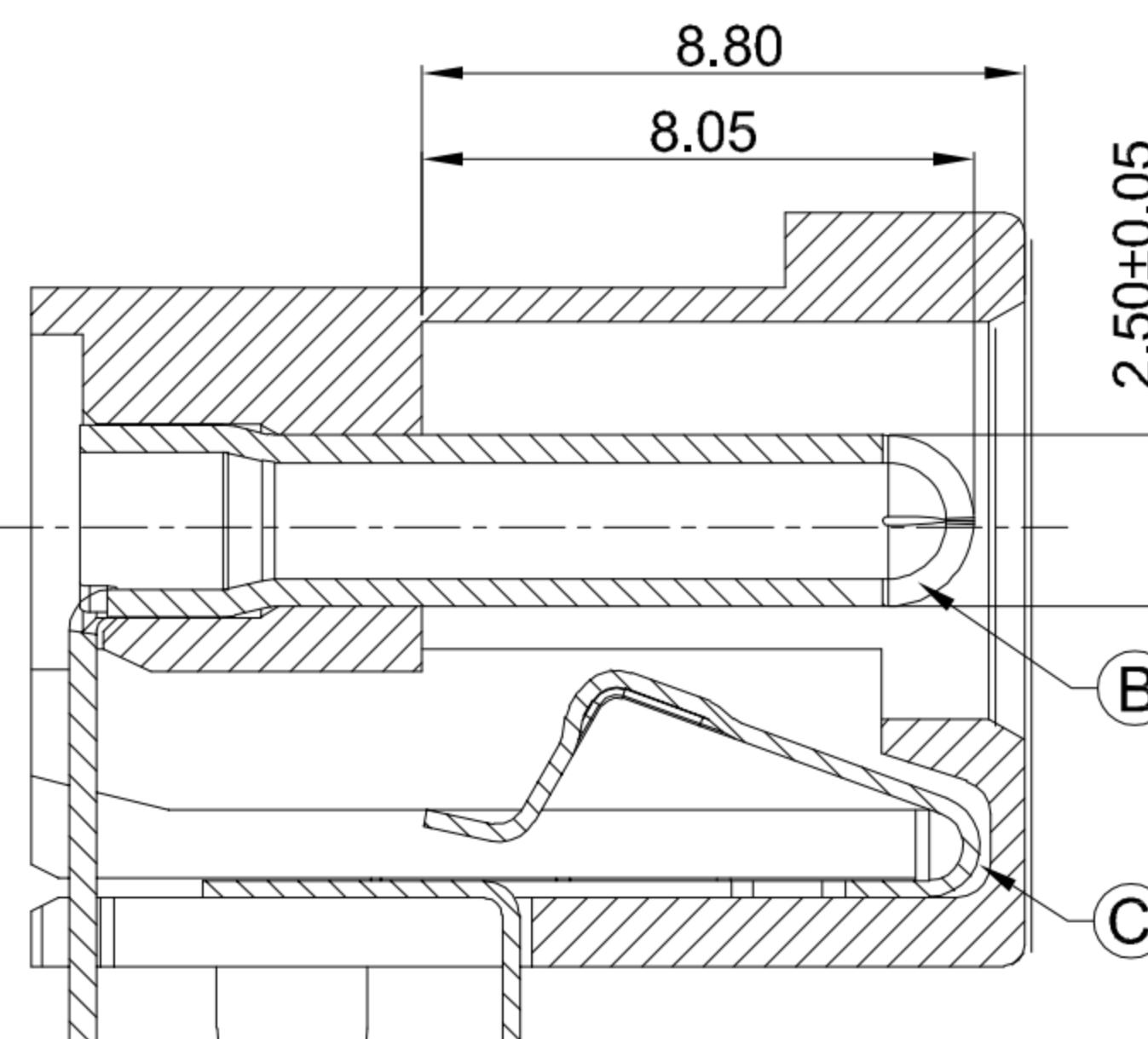
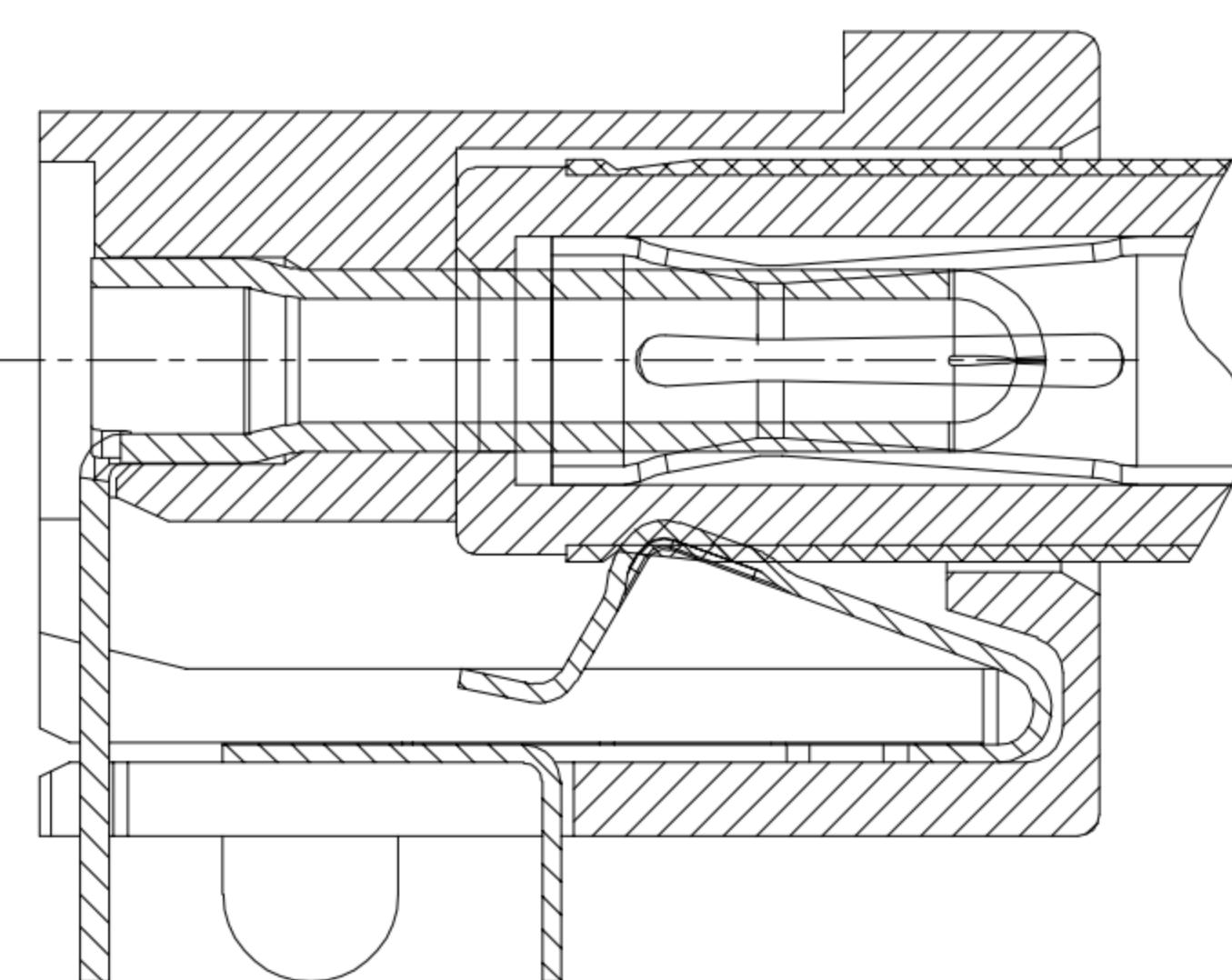
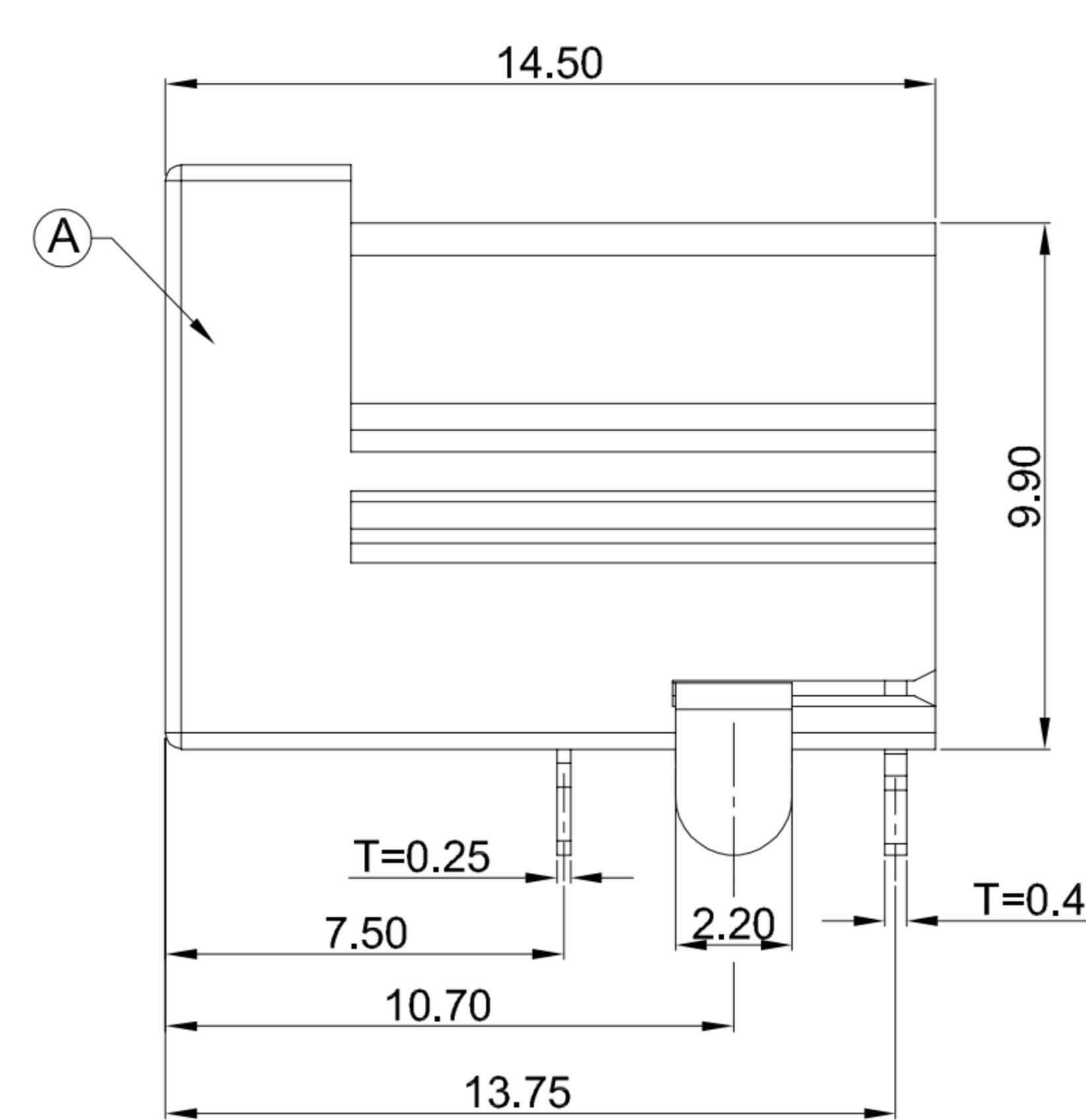
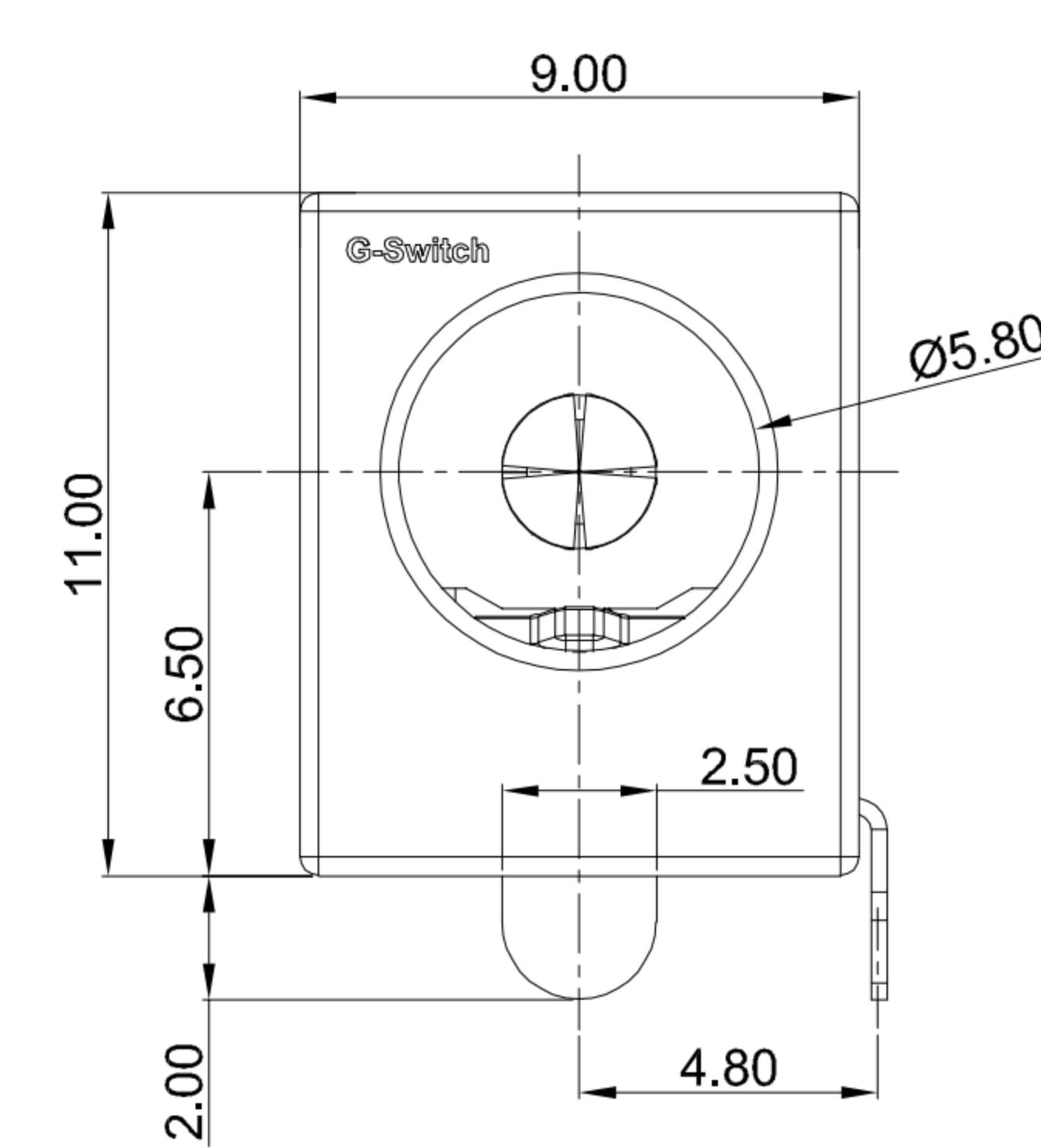


A B C D E



SECTION A-A

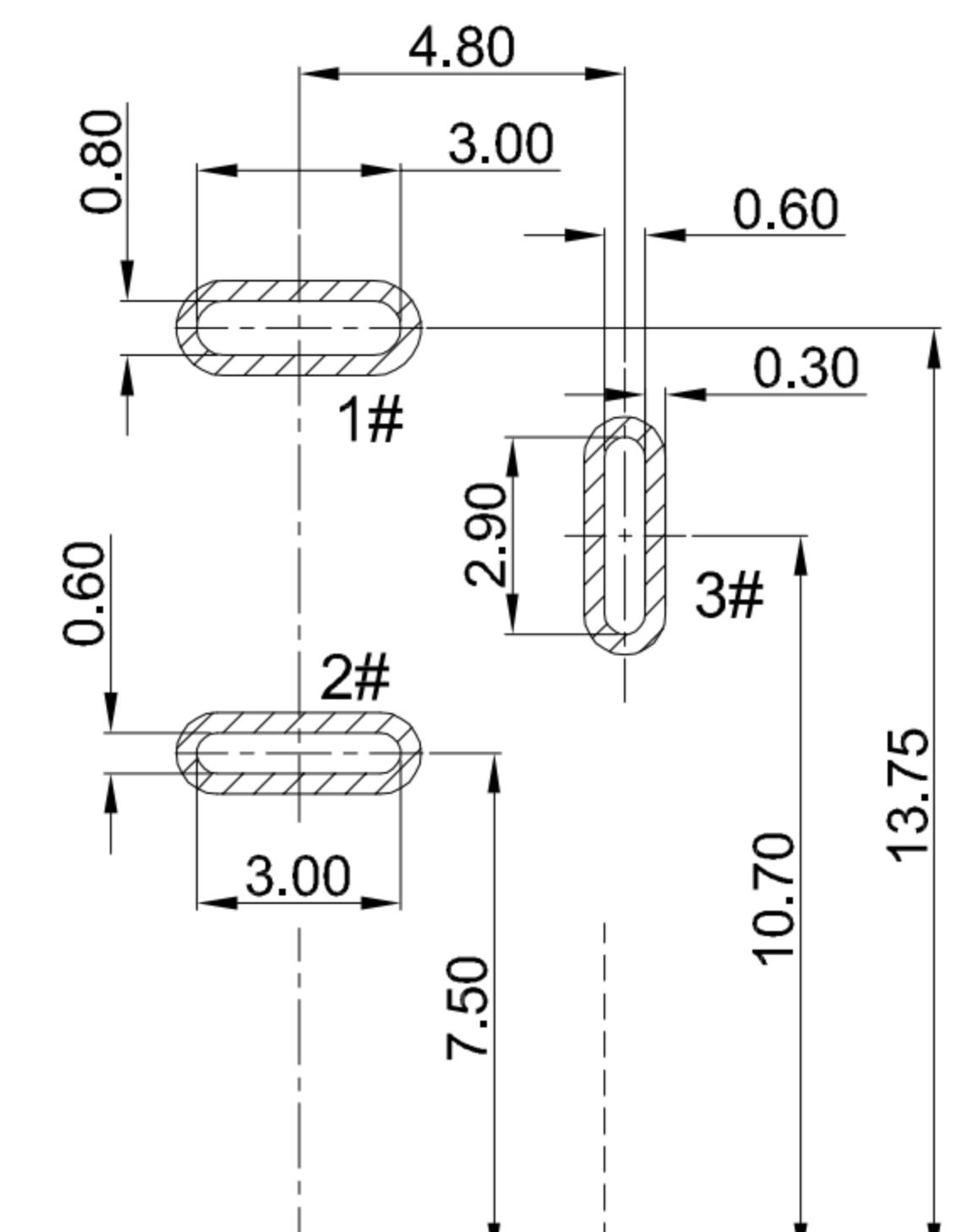


SCHEMATIC

○ 1#(+)

△ 2#/3#(-)

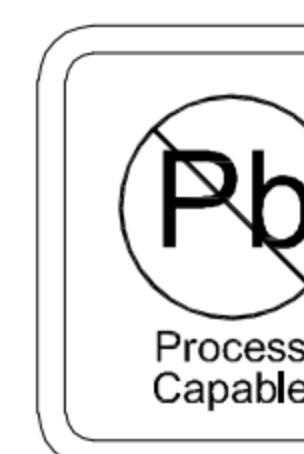
PRODUCT EDGE



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

CIRCUIT DIAGRAM

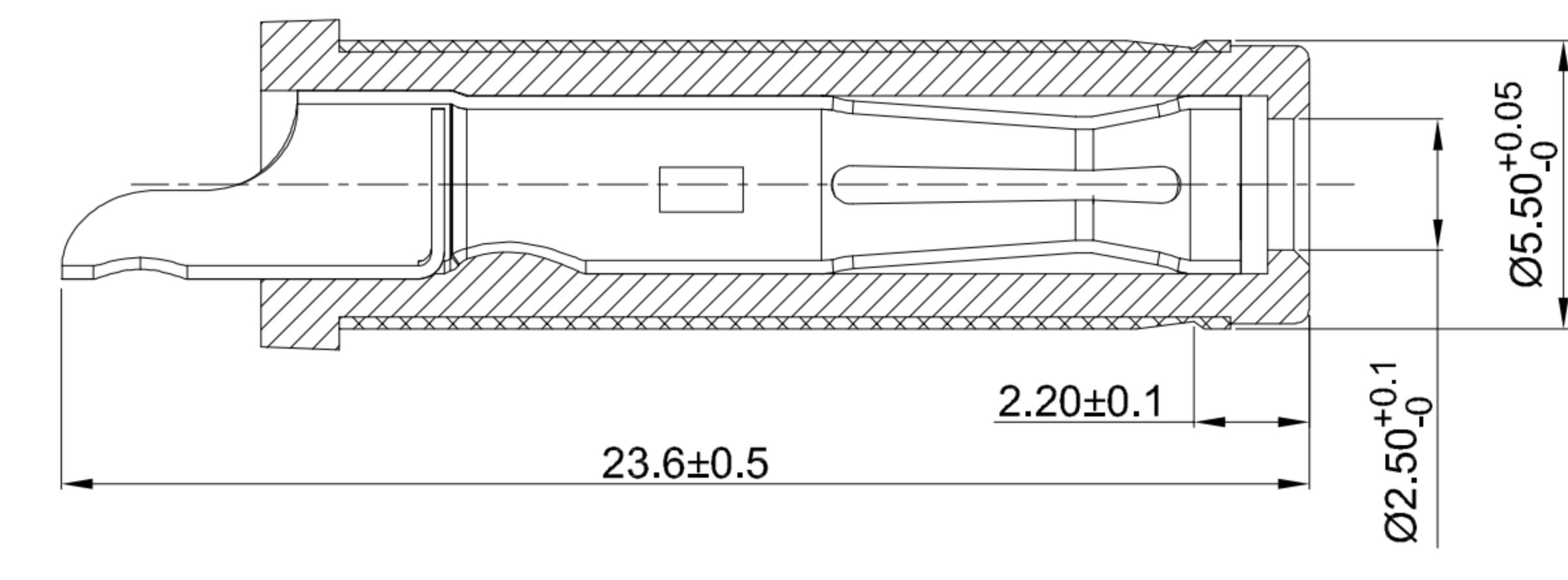
| | | | |
|-----|------------|--------------------------|-------------|
| A | HOUSING | HIGH TEMPERATURE PLASTIC | PA10T BLACK |
| B | CENTER PIN | BRASS | Sn/Ni |
| C | SPRING | COPPER ALLOY | Sn/Ni |
| NO. | PART NAME | MATERIAL | REMARK |



RoHS
Compliant
EU RoHS Standards



| | | | |
|--|----------|--------------------------------------|------------|
| SCALE: 1:1 | UNIT: mm | Title: Horizontal DC Power Jack 5525 | |
| SIZE: A4 | □ ○ | Title: DIP CH=6.5 L=14.5 Ø2.5mm | |
| Unless otherwise General tolerance: | | Mold Code: DC-S009A-D025-7A | |
| X | ±0.50 | DRAWN | CHECKED |
| X.x | ±0.30 | APPROVED | DATE |
| X.xx | ±0.20 | Xia | Chen |
| X.xxx | ±0.10 | Chen | 2023.02.01 |
| X.x° | ±3° | REV: A0 | SHEET: 1/1 |



MATING PLUG Ø5.5xØ2.5mm

G-Switch Specification:

- Operating temperature range: -40°C ~ +85°C
- Rated load: 7A.20V DC
- Insulation resistance: 100MΩ min
- Withstand voltage: 500V AC/min
- Contact resistance: 30mΩ max
- Durability cycle: 5,000 Cycles
- Insertion and extraction force: 3-40N

A B C D E