

A

A

B

B

C

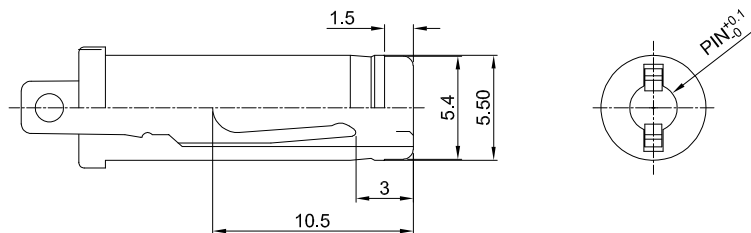
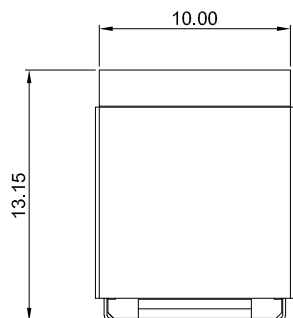
C

D

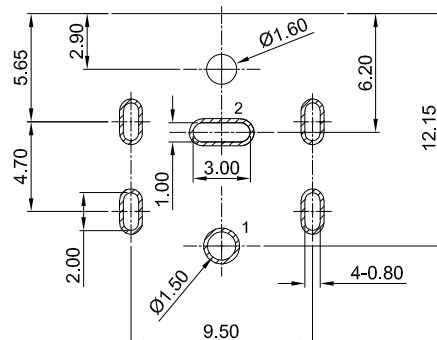
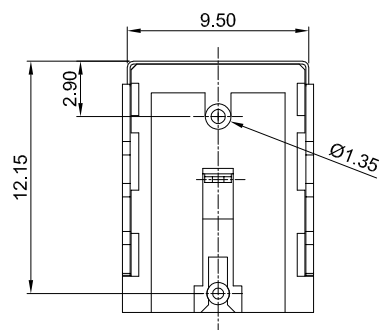
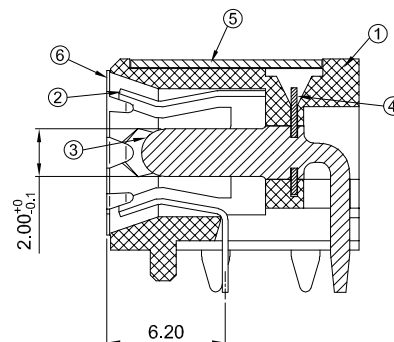
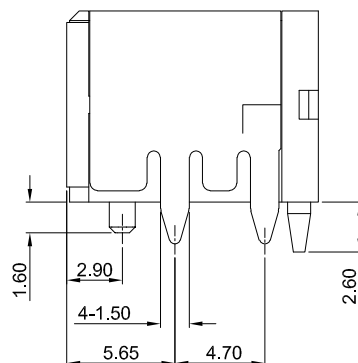
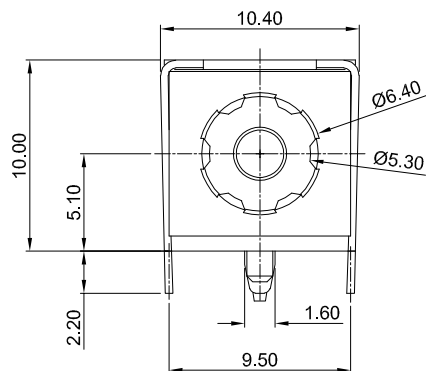
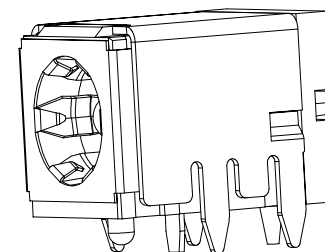
D

E

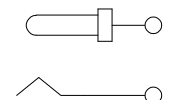
E



MATING PLUG Ø5.5xØ2.1mm



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



CIRCUIT DIAGRAM

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rated load: 10A.20V DC
3. Insulation resistance: 100MΩ min
4. Withstand voltage: 500V AC/min
5. Contact resistance: 30mΩ max
6. Durability cycle: 5000 Cycles
7. Insertion and extraction force: 3-30N

6	SHELL	COPPER ALLOY	NI PLATED
5	COVER	SUS304	CLEAN
4	PUNCH CARD	SUS304	Ni 50u"
3	TERMINAL SPRING	C5191	Ag
2	CENTER PIN	HPB59	Au
1	HOUSING	PA10T UL94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: Horizontal DC Power Jack 5521 DIP CH=5.1 L=13.15 Ø2.0mm			
SIZE: A4		Molde Code: DC-S018A-D020-10A			
Unless otherwise General tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X" ±3"		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2026.07.01



REV: A2 SHEET: 1/1