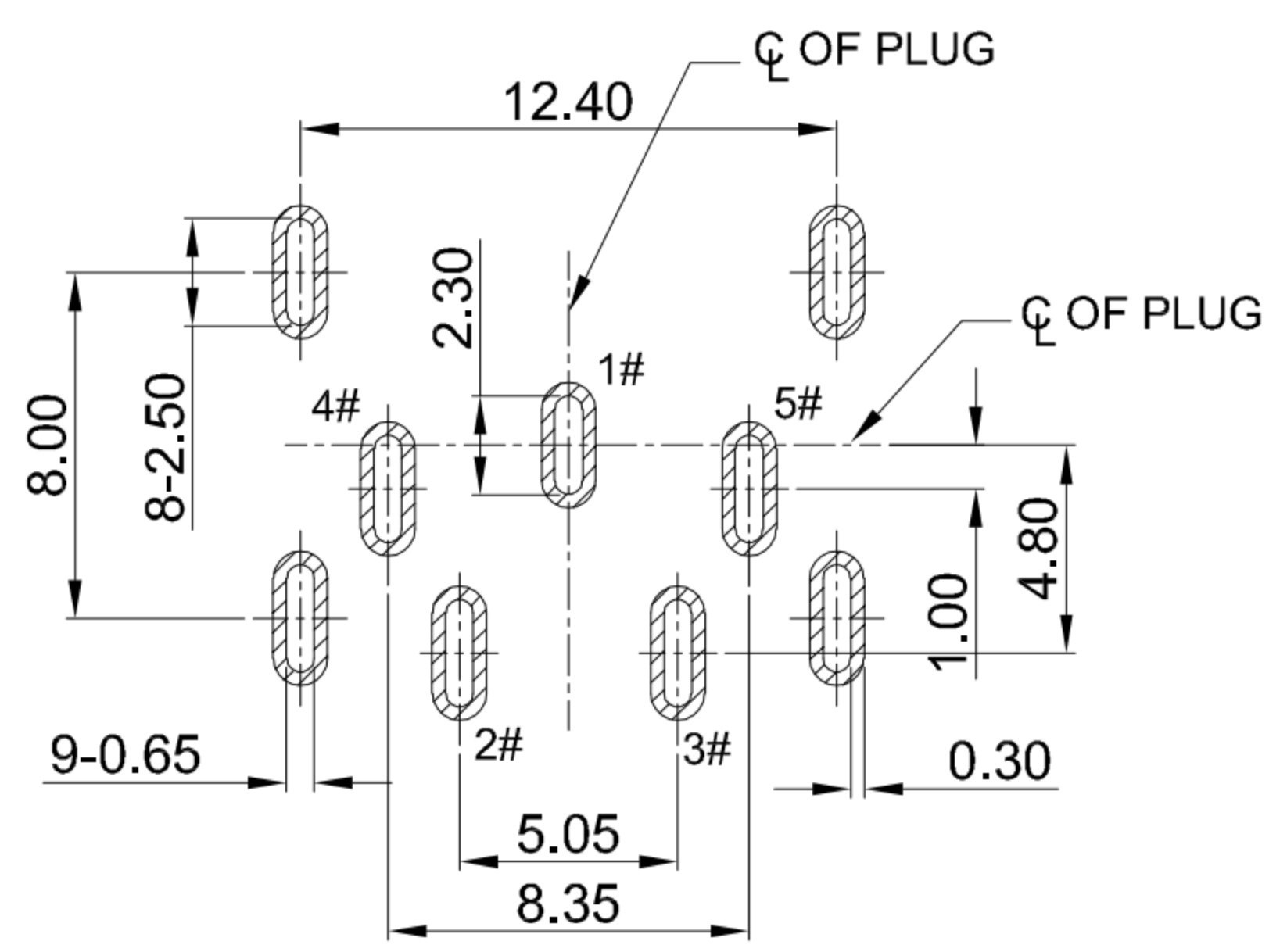
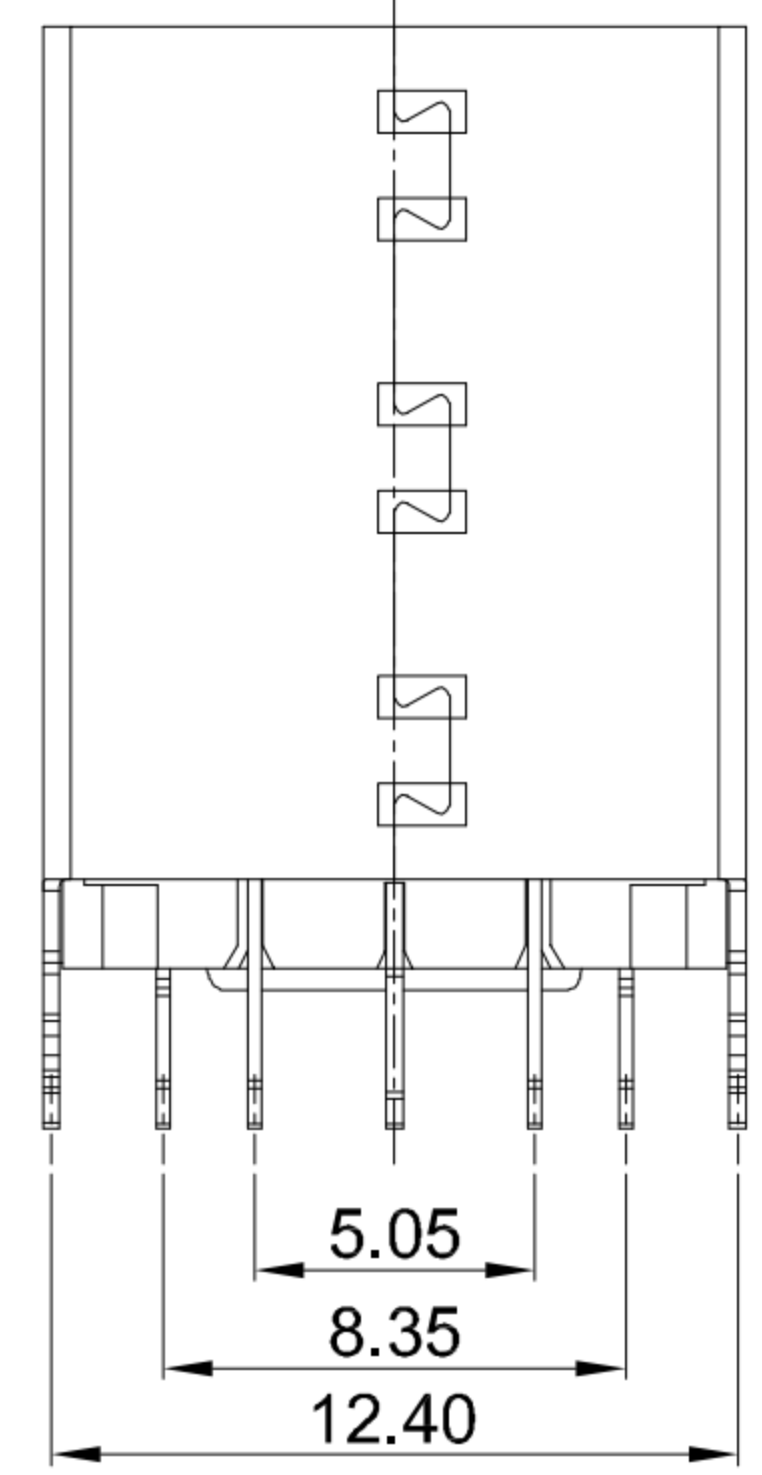
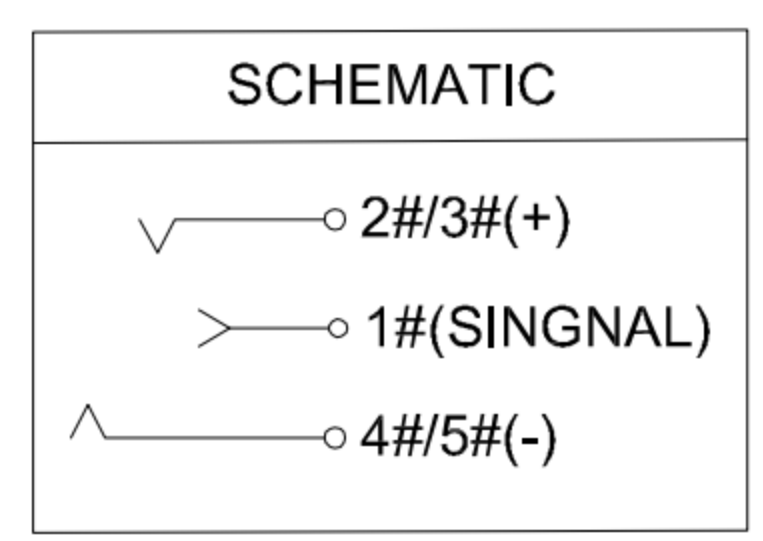


MATING PLUG Ø5.6xØ0.9mm



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



CIRCUIT DIAGRAM

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rated load: 25A.30V DC
3. Insulation resistance: 100MΩ min
4. Withstand voltage: 500V AC/min
5. Contact resistance: Center Pin 30mΩ Max(Initial), 40mΩ Max(Final)
DC_IN+/DC_IN-: 15mΩ Max(Initial), 25mΩ Max(Final).
6. Durability cycle: 5,000 Cycles
7. Insertion and extraction force: 6-25N

F	SHELL	SUS	Ni 50u"MIN.	1
E	ANODE	COPPER ALLOY	Ni 40u"	1
D	NEGATIVE	COPPER ALLOY	Ni 40u"	1
C	CENTER PIN	COPPER ALLOY	Au1u"(CONTACT AREA)/Sn80u"/Ni 40u"	1
B	COVER	HIGH TEMP.THERMOPLASTIC	BLACK	1
A	HOUSING	HIGH TEMP.THERMOPLASTIC	BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY



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°	±2°

Title: Vertical DC Power Jack 5609 DIP H=17.4 Ø1.0mm			
Molde Code: DC-S015A-D010-25A			
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0	SHEET: 1/1
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