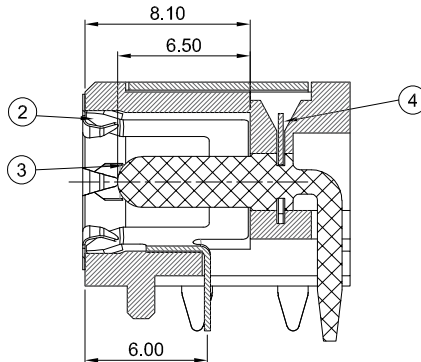
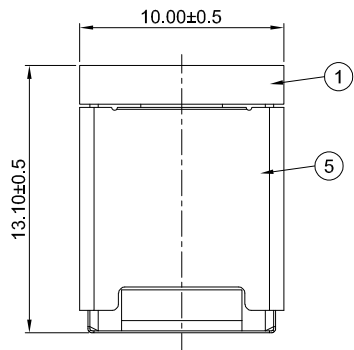


CIRCUIT DIAGRAM

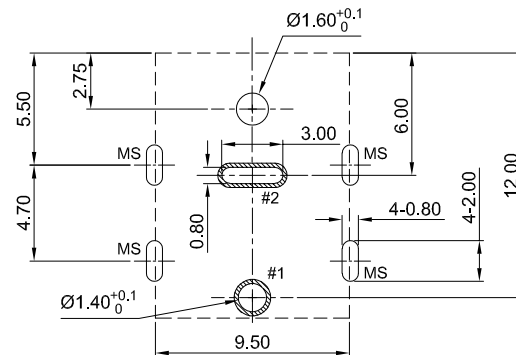
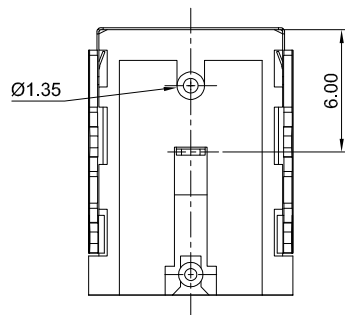
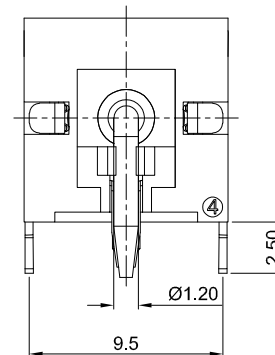
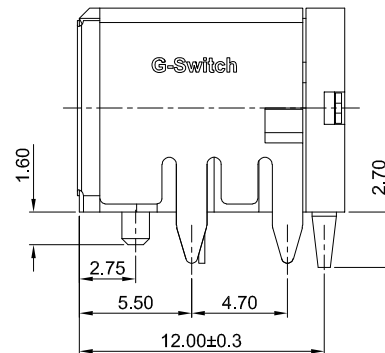
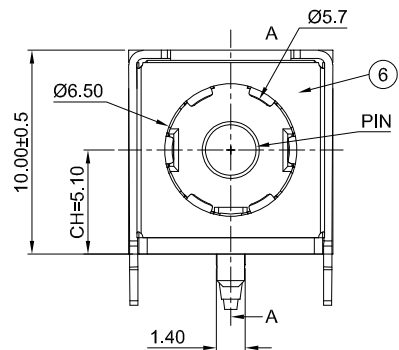


DC - 044B - DXXX

DC Power Jack

D: Needle diameter
D020=2.0mm
D025=2.5mm

G-Switch P/N

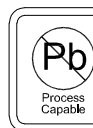


RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

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: 3-35N

1	HOUSING	PA9T	BLACK
2	SORING	COPPER ALLOY	Sn PLATE
3	PIN	BRASS	Au PLATE
4	TERMINAL	STAINLESS STEEL	
5	SHELL	IRON	Ni PLATE
6	GROUND	STAINLESS STEEL	Ni PLATE
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General tolerance:

X ±0.40
X.x ±0.30
X.xx ±0.20
X* ±3°

Title: Horizontal DC Power Jack
DIP CH=5.1 Ø2.0/2.5mm

Molde Code: DC-044B-DXXX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.01.04

品贊科技®
b-Switch
www.dg-switch.com

REV: A1 SHEET: 1/1