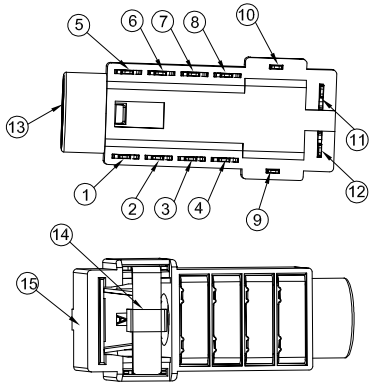
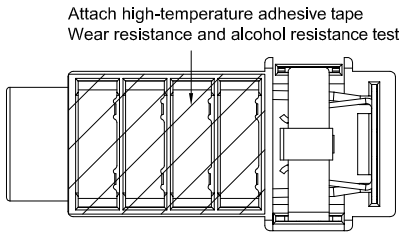
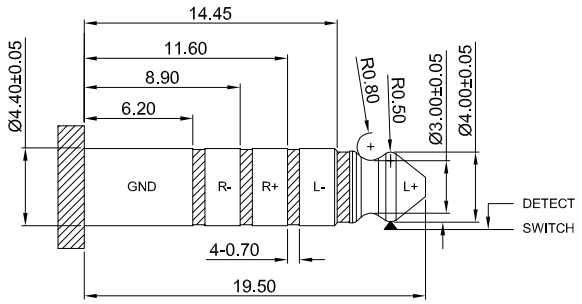
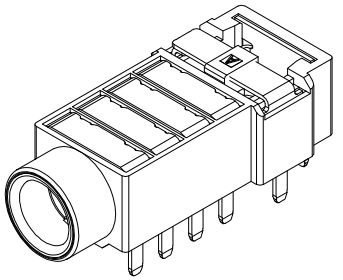
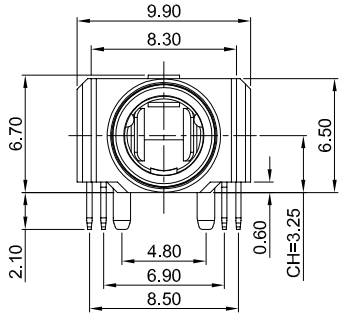


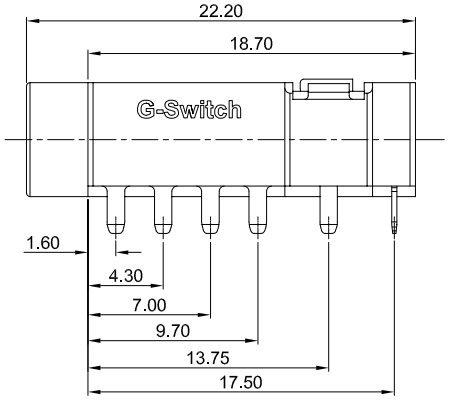


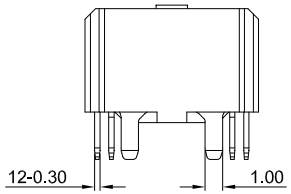


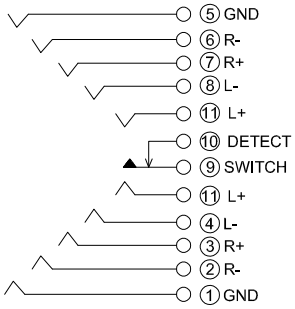
Ø4.40mm 5 POLE PLUG DETAIL DRAWING



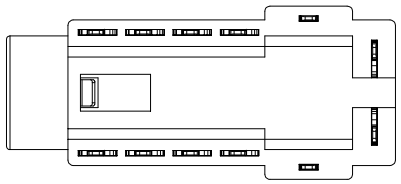


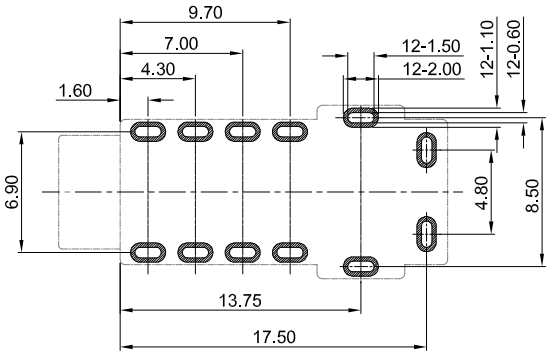






CIRCUIT DIAGRAM





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

PJ -4 R 001 A-5 N G D 01

- **Type**: PJ=Phone Jack
- **Specification**: 4=Ø4.4mm
- **Angle**: R=90°
- **Serial code**
- **Detail**
- **Number Of Contacts**: 5=TRRRS
- **Housing Colour**: N=Black
- **Contact Plated**: G=Gold
- **Termipoint**: D=DIP
- **Other**

G-Switch Specification:

1. Rated load: 1A
2. Insulation resistance: 100MΩ min
3. Withstand voltage: 500V AC/min
4. Contact resistance: 50mΩ max
5. Durability cycle: 5,000 Cycles
6. Insertion and extraction force: 3-30N
7. Operating temperature range: -40°C ~ +85°C

NO.	DESCRIPTION	QTY	MATERIAL	PLATED & COLOR
16	MYLAR	1	PET	YELLOW
15	HOUSING	1	HIGH TEMPERATURE PLASTIC	BLACK UL94V-HB
14	INSULATOR	1	HIGH TEMPERATURE PLASTIC	BLACK UL94V-HB
13	SOCKET	1	BRASS	G/F PLATED
11~12	TERMINAL 11~12#	2	STAINLESS STEEL	CONTACT:Au2μ"/SOLDER:G/F
10	TERMINAL 10#	1	COPPER ALLOY	CONTACT:Au2μ"/SOLDER:G/F
9	TERMINAL 9#	1	COPPER ALLOY	CONTACT:Au2μ"/SOLDER:G/F
1~8	TERMINAL 1~8#	8	COPPER ALLOY	CONTACT:Au2μ"/SOLDER:G/F

RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Horizontal Ø4.4mm Phone Jack NC 12Pin L=22.20mm DIP
SIZE: A4		Molde Code:	PJ-4R001A-5NGD01

Unless otherwise General tolerance:

X.	±0.40
X.x	±0.30
X.xx	±0.20
Angles	±3°

DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.07.18

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1