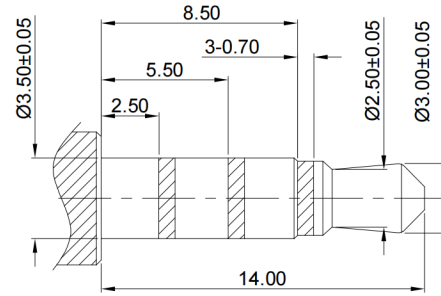
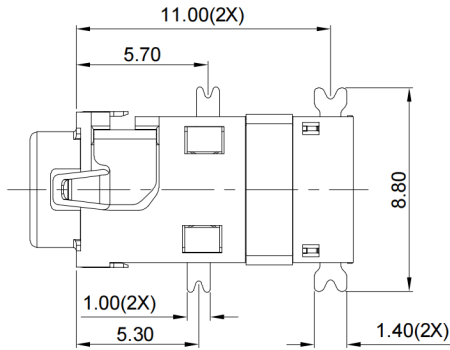
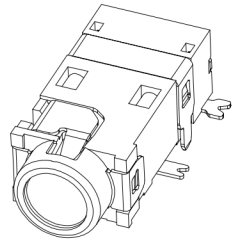
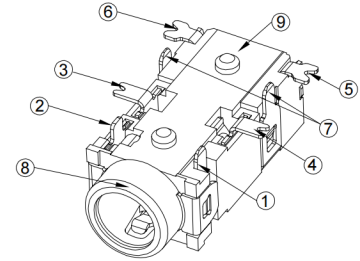


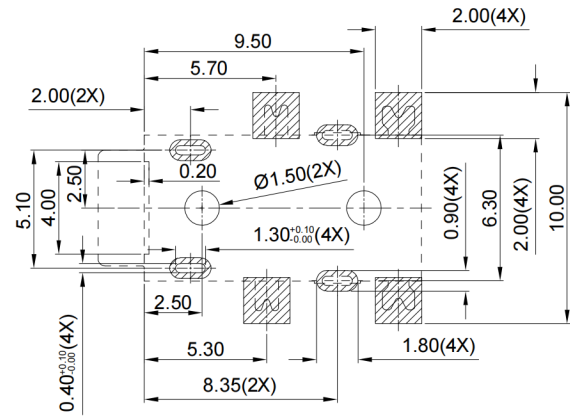
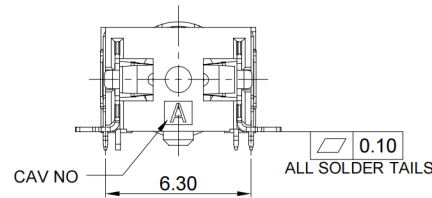
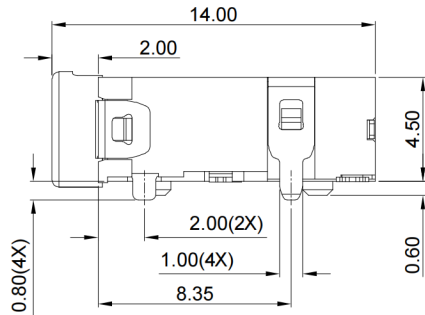
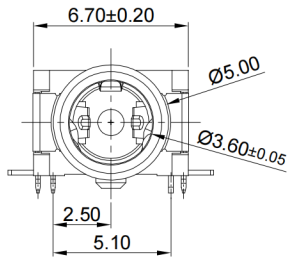
1



(Ø3.50mm 4 POLE PLUG DETAIL DRAWING)

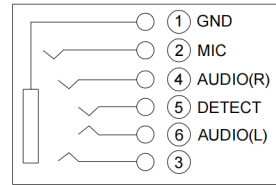
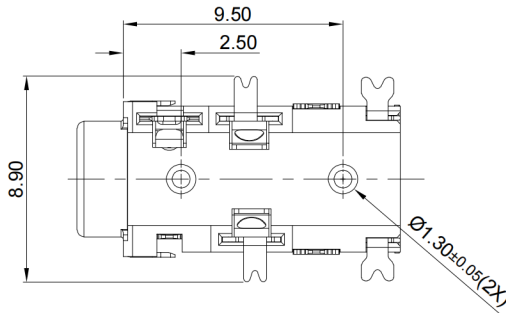


2



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

3



CIRCUIT DIAGRAM

NOTES:

1. CONTACT CURRENT RATING: 1A.
2. CONTACT RESISTANCE: 50 mΩ MAX.;
3. INSULATION RESISTANCE: 100MΩ MIN.;
4. DIELECTRIC WITHSTANDING: 500V AC MIN.;
5. DURABILITY: 6,000 CYCLES MIN.;
6. CONNECTOR MATING FORCES: 4.9~24.5N(0.5~2.5Kgf);
7. CONNECTOR UNMATING FORCES: 4.9~24.5N(0.5~2.5Kgf);
8. PRODUCT MEET THE REQUEST OF THE RoHs,SEE TABLE A:

TABLE A:

| MATTER | RoHs ( PPM ) |
|--------|--------------|
| Cd     | ≤ 100        |
| Pb     | ≤ 1000       |
| Hg     | ≤ 1000       |
| Cr6+   | ≤ 1000       |
| PBB    | ≤ 1000       |
| PBDE   | ≤ 1000       |

4

|      |           |       |                          |                      |
|------|-----------|-------|--------------------------|----------------------|
| 01   | CONTACT A | 1 PCS | PHOSPHOR BRONZE T=0.20mm | Au PLATED            |
| 02   | CONTACT B | 1 PCS | PHOSPHOR BRONZE T=0.20mm | Au PLATED            |
| 03   | CONTACT C | 1 PCS | PHOSPHOR BRONZE T=0.20mm | Au PLATED            |
| 04   | CONTACT C | 1 PCS | PHOSPHOR BRONZE T=0.20mm | Au PLATED            |
| 05   | CONTACT D | 1 PCS | STAINLESS STEEL T=0.20mm | Au PLATED            |
| 06   | CONTACT E | 1 PCS | STAINLESS STEEL T=0.20mm | Au PLATED            |
| 07   | CONTACT F | 1 PCS | PHOSPHOR BRONZE T=0.20mm | Ni PLATED            |
| 08   | SOCKET    | 1 PCS | BRASS T=0.20mm           | Au PLATED            |
| 09   | HOUSING   | 1 PCS | HIGH TEMPERATURE PLASTIC | BLACK COLOR;UL94 V-0 |
| ITEM | PART NAME | Q'TY  | MATERIAL                 | DESCRIPTION          |

A

B

C

D

E

SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General tolerance:  
X. ±0.30  
X.x ±0.20  
X.xx ±0.15  
X.xxx ±0.10  
Angles ±3°

Title: PHONE JACK SMT Ø3.5mm

Molde Code: ST-0275S00-082-182

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Xia   | Chen    | Chen     | 2023.02.01 |

品赞科技®  
b-Switch

REV: A0 SHEET: 1/1