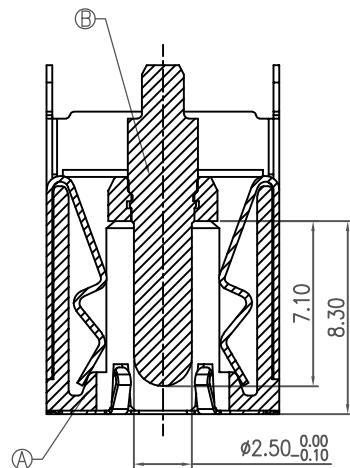
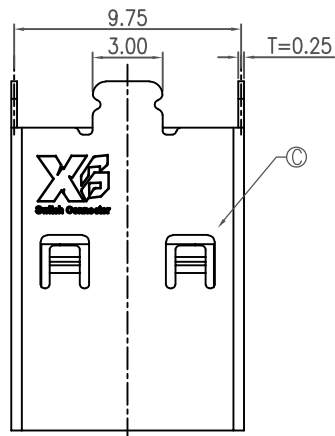
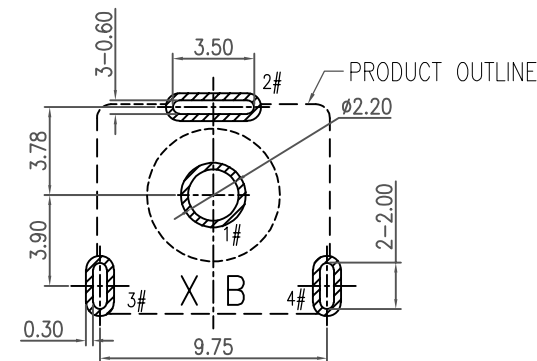
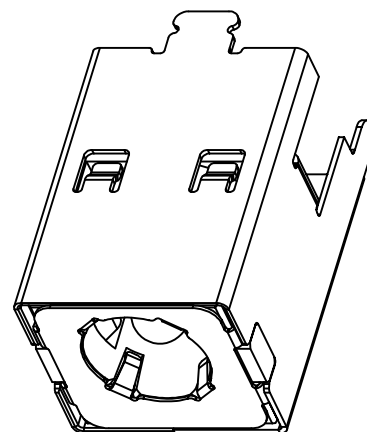
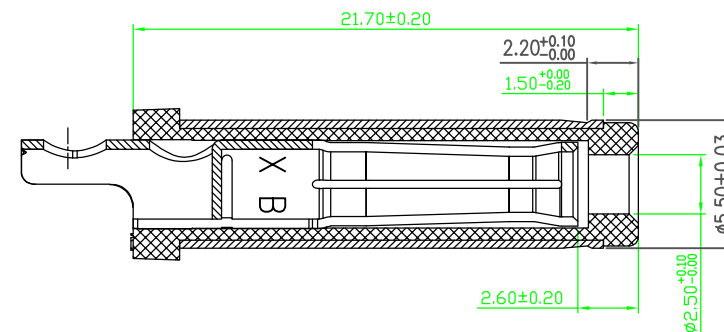
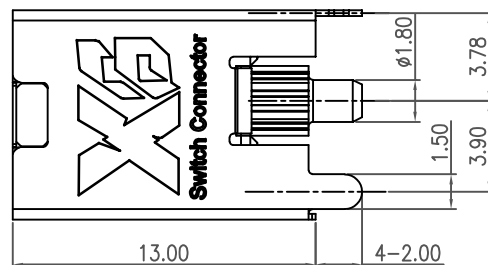
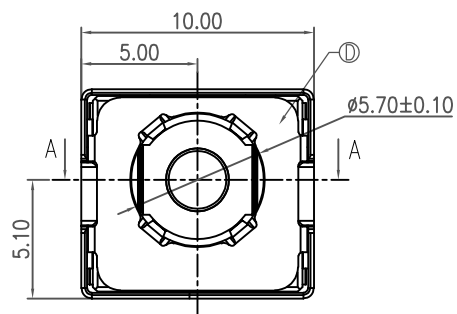




SECTION A-A



RECOMMENDED PCB LAYOUT  
TOP VIEW TOLERANCE:  $\pm 0.05$



MATING PLUG  
XB-DP550250-0188

SPECIFICATION:

1. RATING: DC 20V 20A
2. CONTACT RESISTANCE:  
30mΩ MAX.(INITIAL)  
50mΩ MAX.(FINAL)
3. INSULATION RESISTANCE: 100 MΩ MIN.
4. WITHSTAND VOLTAGE: 500 VAC
5. INSERTION FORCE: 3N~30N
6. EXTRACTION FORCE: 3N~30N
7. DURABILITY: 5,000 CYCLES

| SCHEMATIC |            |
|-----------|------------|
|           | 1#(+)      |
|           | 2#/3#4#(-) |

| E   | HOUSING     | HIGH TEMP.THERMOPLASTIC | BLACK                   |     |
|-----|-------------|-------------------------|-------------------------|-----|
| D   | GROUND      | SUS 304                 |                         | 1   |
| C   | SHELL       | COPPER ALLOY            | Ni 40u"MIN.             | 1   |
| B   | CENTER PIN  | BRASS                   | GOLD FLASH/Ni 40u" MIN. | 1   |
| A   | HOUSING     | HIGH TEMP.THERMOPLASTIC | BLACK                   | 1   |
| NO. | DESCRIPTION | MATERIAL                | REMARKS                 | QTY |

UNLESS OTHERWISE  
SPECIFIED TOLERANCES

**XB** 东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD.

|           |       |         |     |          |                            |                                                |
|-----------|-------|---------|-----|----------|----------------------------|------------------------------------------------|
| DECIMALS: |       | ANGLES: |     | DESIGN:  | GAO. PENG<br>2023.3.28     | PART NAME:<br>Φ5.5 立式(H=13.0)<br>DC POWER JACK |
| DIM       | TOL   | DIM     | TOL | CHECK:   |                            |                                                |
| X.        | ±0.50 | X.      | ±2° | APPROVED | HE. LONG. FEI<br>2023.3.28 | PART NO.<br>XB-DC-550250-1392                  |
| X.X       | ±0.30 | X.X     | ±1° |          |                            | SHEET: 1/1 REV.: A1                            |
| X.XX      | ±0.20 | X.XX    |     |          |                            | DRAWING NO                                     |
| X.XXX     | ±0.10 | X.XXX   |     |          |                            |                                                |

| REV. | ECN NO. | DESCRIPTION | DESIGN | DATE |
|------|---------|-------------|--------|------|
|------|---------|-------------|--------|------|