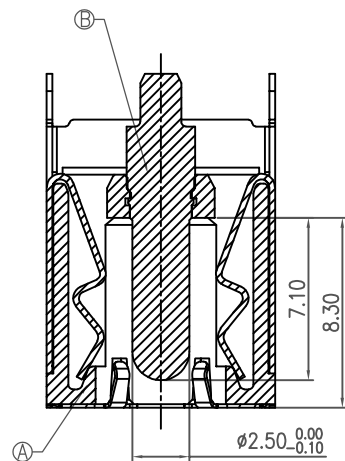
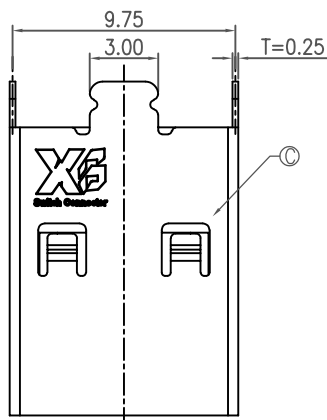
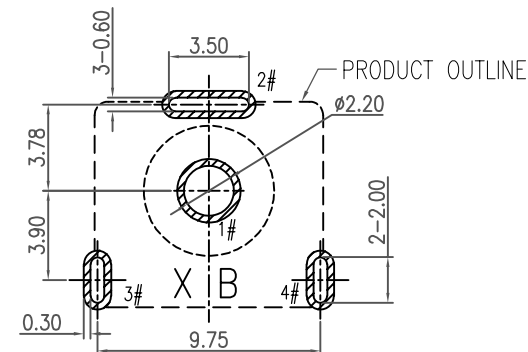
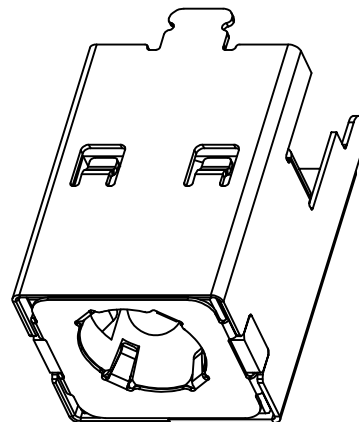
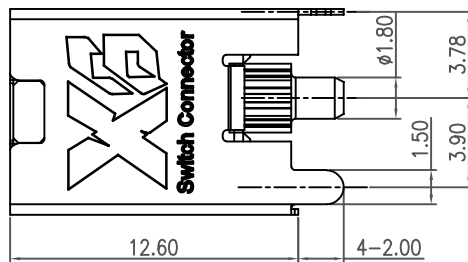
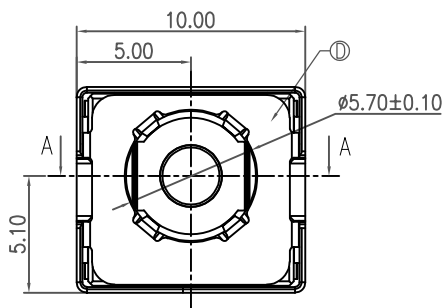
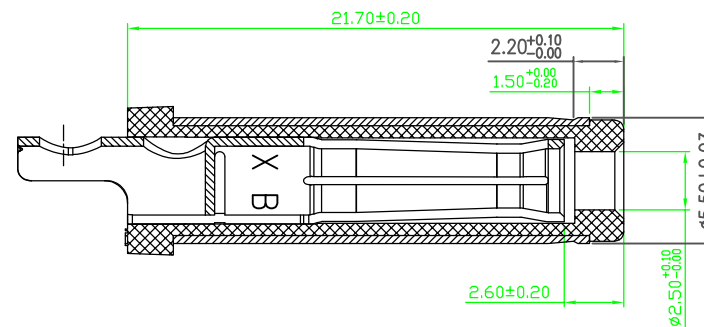




SECTION A-A



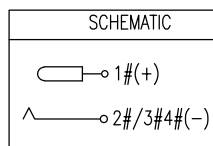
RECOMMENDED PCB LAYOUT  
TOP VIEW TOLERANCE:  $\pm 0.05$



MATING PLUG  
XB-DP550250-0188

SPECIFICATION:

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



|     |             |                         |                         |     |
|-----|-------------|-------------------------|-------------------------|-----|
| 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>$\Phi 5.5$ 立式(H=12.6)<br>DC POWER JACK |
| DIM       | TOL        | DIM     | TOL           | CHECK:   |                            |                                                      |
| X.        | $\pm 0.50$ | X.      | $\pm 2^\circ$ | APPROVED | HE. LONG. FEI<br>2023.3.28 | PART NO.<br>XB-DC-550250-1391                        |
| X.X       | $\pm 0.30$ | X.X     | $\pm 1^\circ$ |          |                            | SHEET: 1/1 REV.: A1                                  |
| X.XX      | $\pm 0.20$ | X.XX    |               |          |                            | DRAWING NO                                           |
| X.XXX     | $\pm 0.10$ | X.XXX   |               |          |                            |                                                      |

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