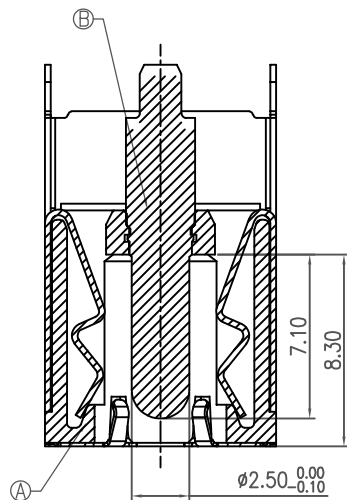
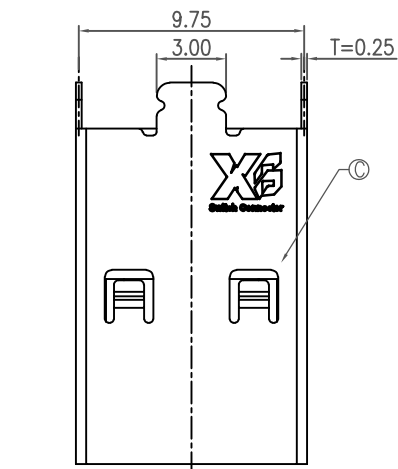
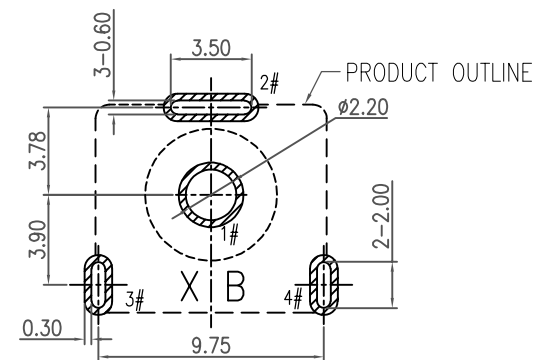
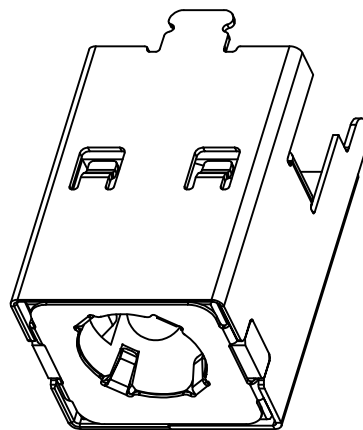
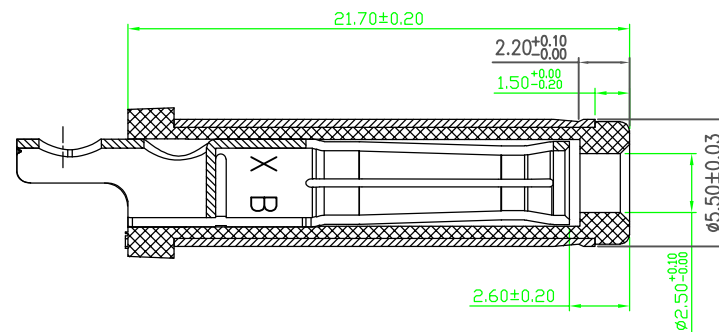
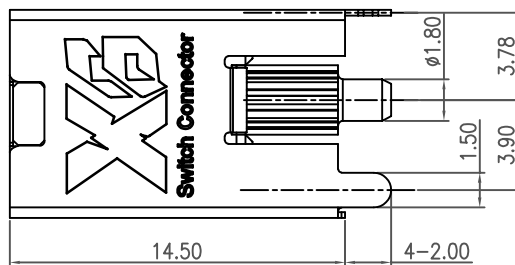
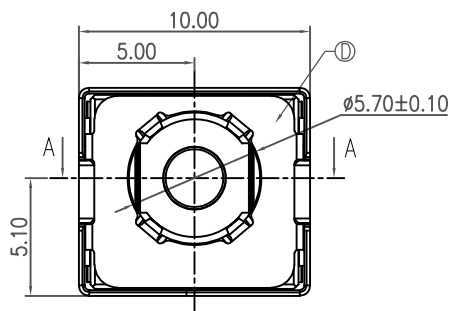




SECTION A-A



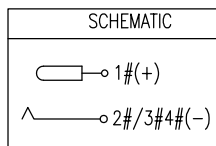
RECOMMENDED PCB LAYOUT  
TOP VIEW TOLERANCE:  $\pm 0.05$



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

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

|                      |       |          |     |          |               |                                                |
|----------------------|-------|----------|-----|----------|---------------|------------------------------------------------|
| DECIMALS:            |       | ANGLES:  |     | DESIGN:  | GAO. PENG     | PART NAME:<br>Φ5.5 立式(H=14.5)<br>DC POWER JACK |
| DIM                  | TOL   | DIM      | TOL | CHECK:   | 2023.12.18    |                                                |
| X.                   | ±0.50 | X.       | ±2° | APPROVED | HE. LONG. FEI | PART NO.<br>XB-DC-550250-1567                  |
| X.X                  | ±0.30 | X.X      | ±1° |          |               | SHEET: 1/2 REV.: A1                            |
| X.XX                 | ±0.20 | X.XX     |     |          |               | DRAWING NO                                     |
| X.XXX                | ±0.10 | X.XXX    |     |          |               |                                                |
| 3RD ANGLE PROJECTION |       | UNIT: mm |     |          | 2023.12.18    |                                                |

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

