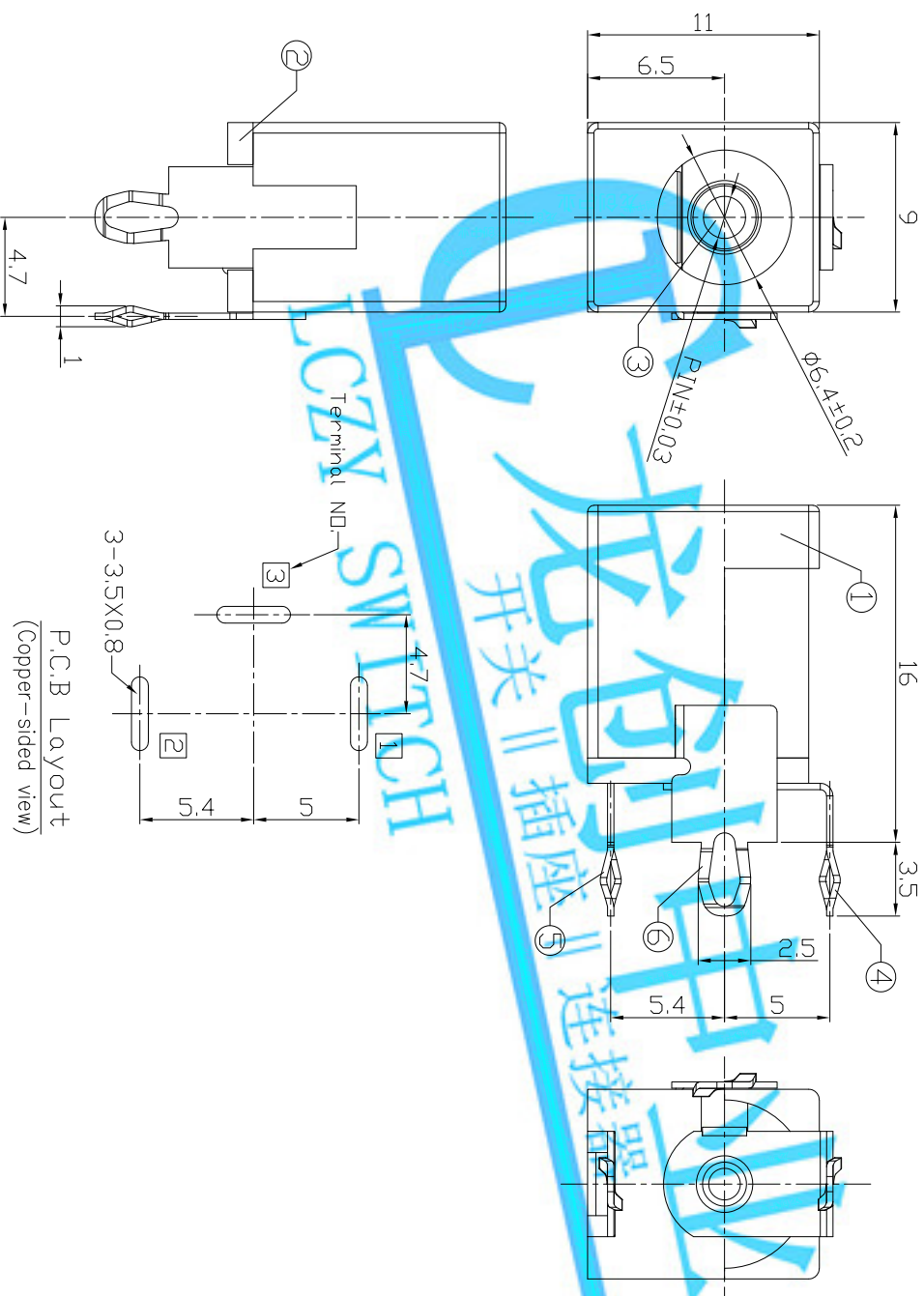


DIMENSIONS



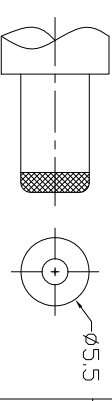
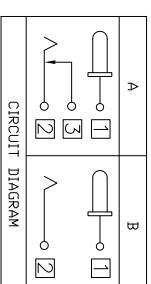
MODEL CODE:

DCBO-0013C-A □ PB BK I 0 4

- ```
(1) (2) (3)(4) (5) (6) (7)(8) (9)
(11):Series type:1P DC POWER JACK.
(2):Series No.
(3):Schematic option: A , B
(4):Center pin diameter:
H=Ø2.0 , I=Ø2.35 , J=Ø2.5
(5):Material of housing:
PB=PB-T (Standard)
(6):Housing color:
BK=Black , 9C=White
(7):Terminal plating
T=Tin(Sn)
(8):Special option:
0=No special option
(9):Packing mode:
4=Bag packing
```

SPECIFICATION:

- 1.Rating : DC 12V 3A;
- 2.Contact resistance:  $\leq 30m\Omega$ ;
3. Insulation resistance:  $\geq 100M\Omega$  (DC250V);
- 4.Withstand voltage: 500VAC ;
- 5.Insertion and extraction force: 3-30N;
- 6.life test: 5,000 cycles;
- 7.Operation temperature range:-20°C~70°C;
- 8.Preservation temperature range:-40°C~85°C;



|            |      |       |      |
|------------|------|-------|------|
| Model No.  | H    | I     | J    |
| CENTER PIN | ø2.0 | ø2.35 | ø2.5 |

|                                    |                     |   |                               |      |                |                                                                                                                                                                                              |        |  |  |
|------------------------------------|---------------------|---|-------------------------------|------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|--|
| LONGCHUANG ZHONGYE (HK)CO.,LIMITED |                     |   |                               |      |                |                                                                                                                                                                                              |        |  |  |
| TITLE:                             |                     |   | PART NO.:                     |      |                |                                                                                                                                                                                              |        |  |  |
| DIP DC POWER JACK                  |                     |   | DCB0-0013C                    |      |                |                                                                                                                                                                                              |        |  |  |
| SEE NOTE                           |                     |   | FINISH                        |      |                |                                                                                                                                                                                              |        |  |  |
| MAT'L                              |                     |   | UNITS mm                      |      |                |                                                                                                                                                                                              |        |  |  |
| ⑥                                  | Shunt terminal      | ③ | Brass t=0.3                   | 1    | Tin Plating    | TOLERANCE                                                                                                                                                                                    | ANGLES |  |  |
| ⑤                                  | Tip spring          | ② | Phosphor bronze t=0.3         | 1    | Tin Plating    | ±0.3                                                                                                                                                                                         | ±2°    |  |  |
| ④                                  | Center pin terminal | ① | Brass t=0.3                   | 1    | Tin Plating    |                                                                                                                                                                                              |        |  |  |
| ③                                  | Center pin          | ① | Brass                         | 1    | Nickel plating |                                                                                                                                                                                              |        |  |  |
| ②                                  | Cover               |   | PF                            | 1    |                |                                                                                                                                                                                              |        |  |  |
| ①                                  | Housing             |   | PBT UL-94V-0                  | 1    |                |                                                                                                                                                                                              |        |  |  |
| ND.                                | PARTS               |   | MATERIAL                      | Q'TY | FINISHING      |                                                                                                                                                                                              |        |  |  |
|                                    |                     |   |                               |      |                | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF ACCURATE INNOTECH INC. |        |  |  |
|                                    |                     |   |                               |      |                | Q'TY                                                                                                                                                                                         |        |  |  |
|                                    |                     |   |                               |      |                |                                                                                                             |        |  |  |
| APPD:                              |                     |   | CHKD: <i>Stacy</i> 2019/04/09 |      |                | SCALE SHEET 1:1                                                                                                                                                                              |        |  |  |
| DR: <i>Stacy</i> 2019/04/09        |                     |   | DWG NO.: AB0-0013C            |      |                | REV. A                                                                                                                                                                                       |        |  |  |
|                                    |                     |   |                               |      |                | CUSTOMER DRAWING                                                                                                                                                                             |        |  |  |