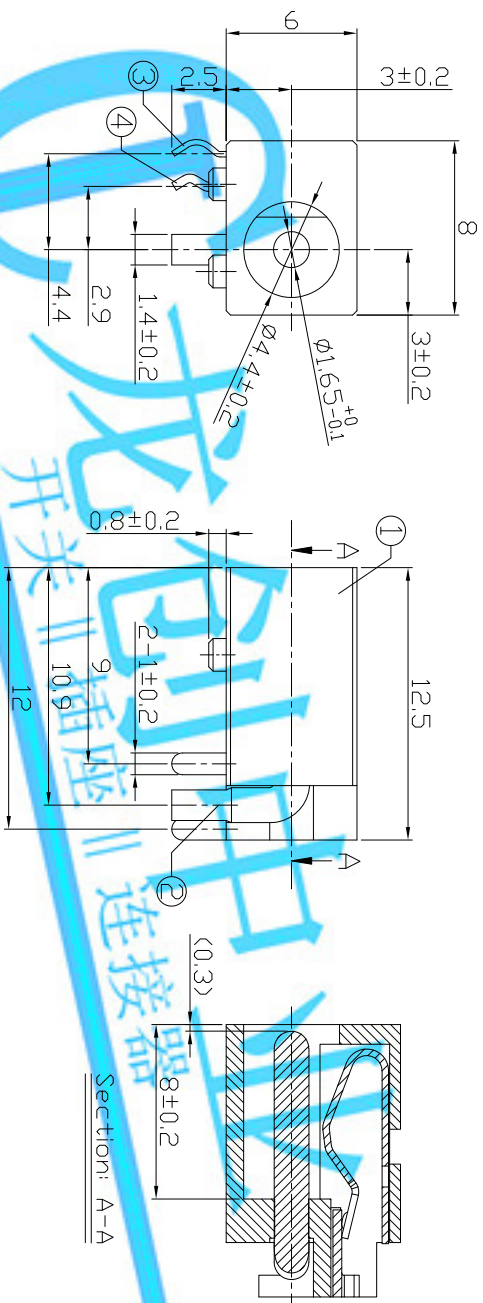


## DIMENSIONS



## Section: A-A

MODEL CODE:

DCBO-00230- A G PB BK S 0 4

(1) (2) (3) (4) (5) (6) (7) (8) (9)

(1):Series type:DIP DC POWER JACK.

(2):Series No.

(3):Schematic option: A

(4):Center pin diameter:

 $G=\varnothing 1.65$ 

(5):Material of housing:

$$P_B = P_T$$

(6):Housing color:

BK=Black , 4D=Yellow(0417)

</>: terminal plating

$S = \text{Silver}(\text{Ag})$

(8): special option:

U=No special option

4-Packing mode:

4=Bag packing

SPECIFICATION:

1. Rating : DC 20V 3A;

2. Contact resistance:  $\leq 30\text{m}\Omega$ ;

After test:  $\leq 50\text{m}\Omega$

3. Insulation resistance:  $\geq 100M\Omega$  (DC500V);

After test:  $\geq 50M\Omega$

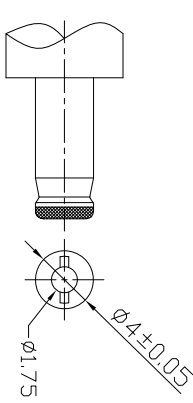
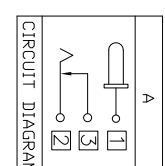
4. Withstand voltage: 500VAC ;

5. Insertion and extraction force: 3–30N;

6. life test: 5,000 cycles;

Operation temperature range:  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

8. Preservative temperature range:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$



## DC MATE PLUG

RECOMMENDED P.C.B. LAYOUT  
UNSPECIFIED TOLERANCE:±0.05  
(BOTTOM VIEW)

O: ITEM NO.      D: TERMINAL NO.

|                                    |                |           |                       |           |                |                                |  |                          |       |
|------------------------------------|----------------|-----------|-----------------------|-----------|----------------|--------------------------------|--|--------------------------|-------|
| LONGCHUANG ZHONGYE (HK)CO.,LIMITED |                |           |                       |           |                |                                |  |                          |       |
|                                    |                | TOLERANCE |                       | ANGLES    |                | UNITS                          |  | mm                       |       |
|                                    |                |           | ±0.3                  |           | ±2°            | MAT'L                          |  |                          |       |
|                                    |                |           |                       | SEE NOTE  |                | SEE NOTE                       |  |                          |       |
| ④                                  | Shunt terminal | ③         | Brass t=0.4           | 1         | Silver plating | FINISH                         |  | TITLE: DIP DC POWER JACK |       |
| ③                                  | Tip spring     | ②         | Phosphor bronze t=0.3 | 1         | Silver plating | SEE NOTE                       |  | PART NO.: DCB0-00230     |       |
| ②                                  | Center pin     | ①         | Copper alloy          | 1         | Silver plating | DR: <i>Stucky</i> 2019/04/10   |  | DWG NO.: AB0-00230       |       |
| ①                                  | Housing        |           | PBT UL94V-0           | 1         |                | CHKD: <i>Stucky</i> 2019/04/10 |  | SCALE                    | SHEET |
| ND.                                | PARTS          | MATERIAL  | Q'TY                  | FINISHING |                | APPD:                          |  | 1:1                      | 1/1   |
|                                    |                |           |                       |           |                | CUSTO                          |  | DRAWING                  |       |