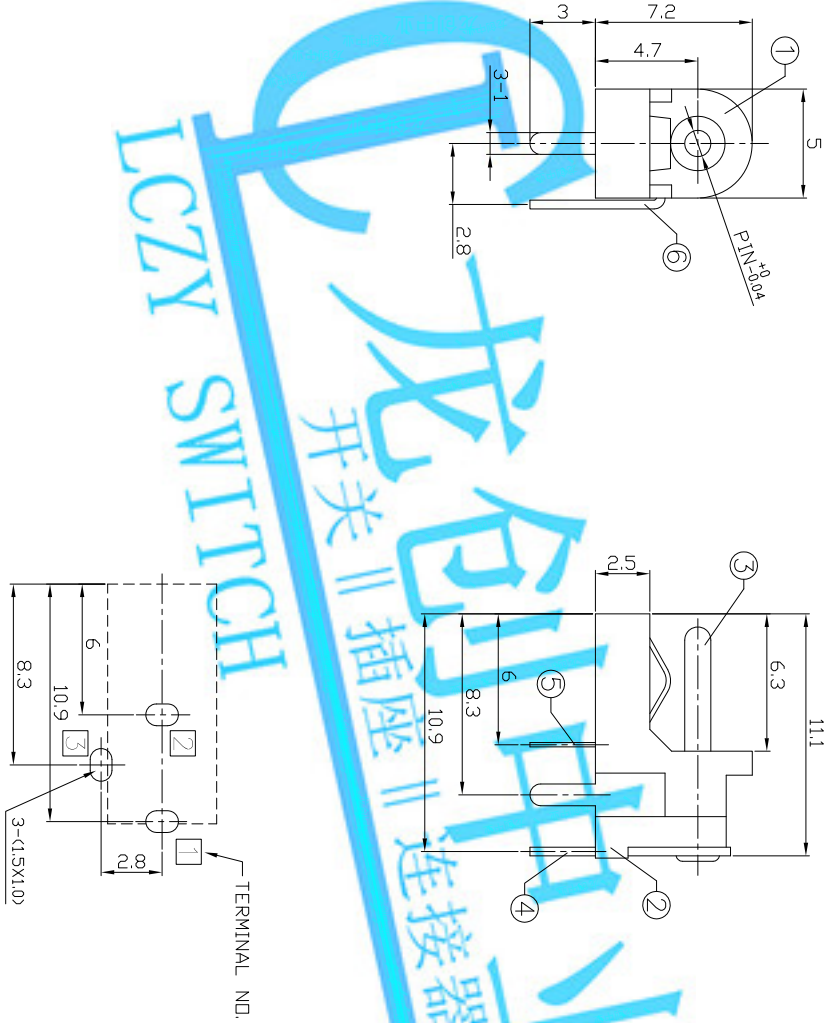


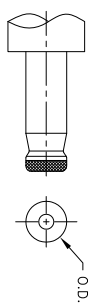
DIMENSIONS



P.C.B Layout (Top view)

|              |       |      |      |
|--------------|-------|------|------|
| Model No.    | A     | C    | E    |
| CENTER PIN   | Ø0.65 | Ø1.0 | Ø1.3 |
| DC PLUG D.D. | Ø2.35 | Ø3.5 | Ø3.5 |

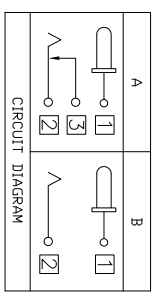
DC MATE PLUG



MODEL CODE:  
DCB0-00010- A □ 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 , B  
(4):Center pin diameter:  
A=Ø0.65 , C=Ø1.0 , E=Ø1.3  
(5):Material of housing:  
PB=PBT (Standard)  
(6):Housing color:  
BK=Black  
(7):Terminal plating  
S=Silver(Ag)  
(8):Special option:  
0=No special option  
(9):Packing mode:  
4=Bag packing

SPECIFICATION

- 1.Rating : DC 30V 1A;
- 2.Contact resistance: ≤50m Ω;  
After test:≤100mΩ
- 3.Insulation resistance: ≥100M Ω (DC500V);  
After test:≥50MΩ
- 4.Withstand voltage: 500VAC ;
- 5.Insertion and extraction force: 3~30N;
- 6.life test: 5,000 cycles;
- 7.Operation temperature range:-20℃~70℃;
- 8.Preservative temperature range:-40℃~85℃;



○:ITEM NO. □:TERMINAL NO.

|     |                     |   |                       |      |                     |                                                                                                                                                                                              |        |          |                      |                        |             |                  |
|-----|---------------------|---|-----------------------|------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|----------------------|------------------------|-------------|------------------|
| ⑥   | Shunt terminal      | ③ | Brass t=0.4           | 1    | Silver Plating      | TOLERANCE                                                                                                                                                                                    | ANGLES | UNITS    | 龙创中业电子科技（东莞）有限公司     |                        |             |                  |
| ⑤   | Tip spring          | ② | Stainless steel t=0.2 | 1    | Silver Plating      | ±0.3                                                                                                                                                                                         | ±2°    | mm       |                      |                        |             |                  |
| ④   | Center pin terminal | ① | Brass t=0.4           | 1    | Silver Plating      |                                                                                                                                                                                              |        | SEE NOTE |                      |                        |             |                  |
| ③   | Center pin          | ① | Brass                 | 1    | Nickel/Cusn Plating |                                                                                                                                                                                              |        | FINISH   |                      |                        |             |                  |
| ②   | Cover               |   | PBT                   | 1    |                     |                                                                                                                                                                                              |        | SEE NOTE |                      |                        |             |                  |
| ①   | Housing             |   | PBT                   | 1    |                     |                                                                                                                                                                                              |        | Q'TY     | DR: Ricky 2019/03/04 | DWG NO.: AB0-00010     | SCALE SHEET | REV. A           |
| 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. |        |          |                      | APPD: Ricky 2019/03/04 | 1:1         | CUSTOMER DRAWING |