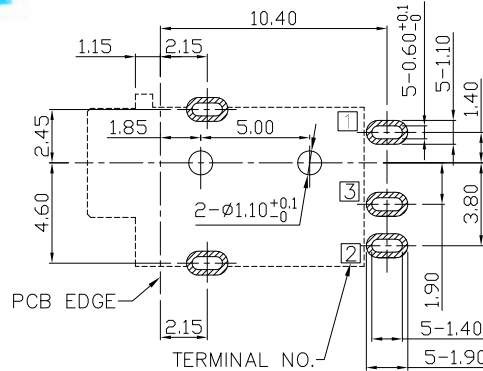
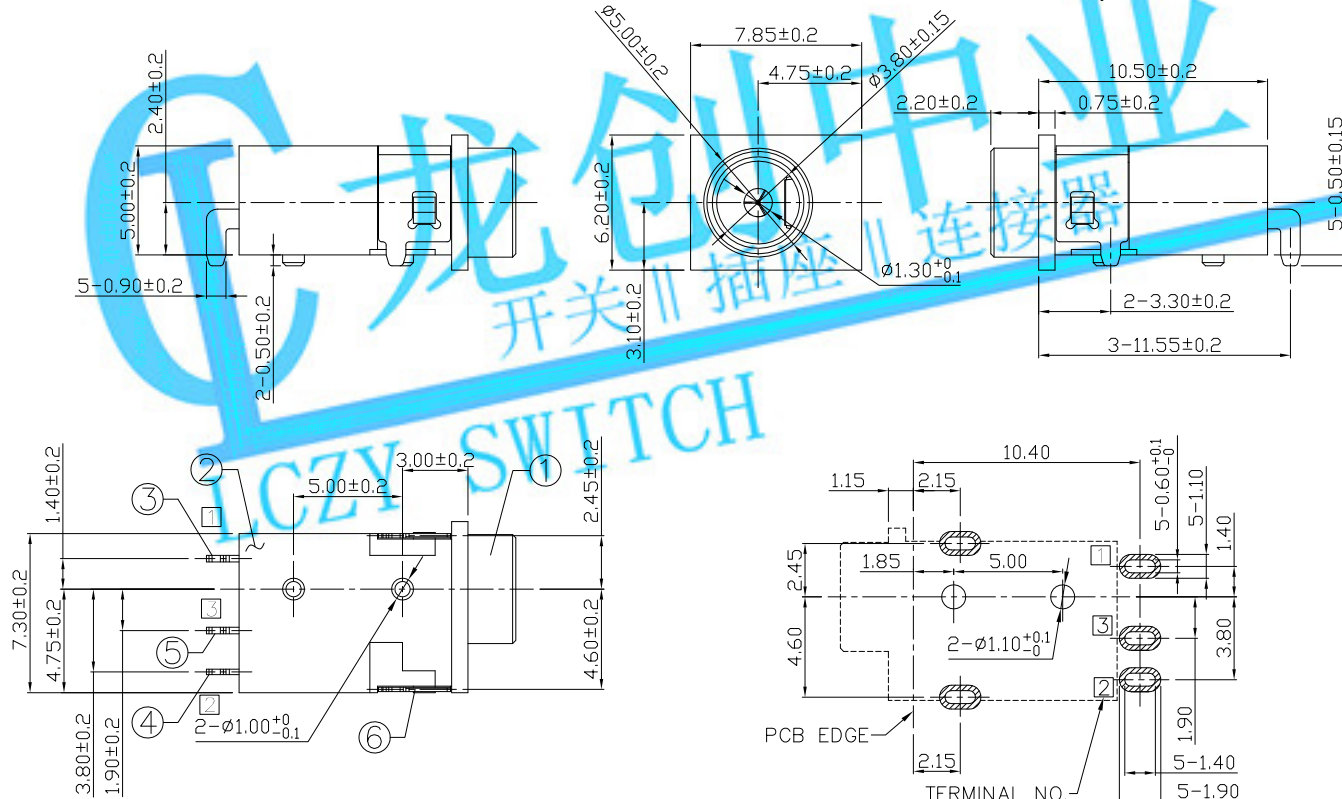




RoHS  
Compliant  
2002/95/EC



## DIMENSIONS

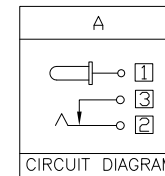


PCB HOLES (TOP VIEW) t=0.8mm  
NOTE: GENERAL TOLERANCE: ±0.05mm

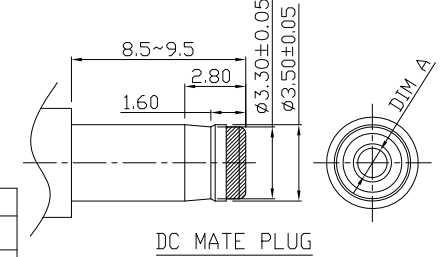
MODEL CODE:  
DCB0-02030- A E 10 BK G 0 1  
(1) (2) (3) (4) (5) (6) (7) (8) (9)

- (1): Series type: WATERPROOF DIP DC POWER JACK.  
(2): Series No.  
(3): Schematic option: A  
(4): Center pin diameter:  
E=Ø1.3  
(5): Material of housing:  
10=PA10T  
(6): Housing color:  
BK=Black (Standard)  
(7): Terminal plating  
G=Gold (Au 1u")  
(8): Special option:  
0=No special option  
1=No Shield  
(9): Packing mode:  
1=Tape&Reel packing

- Specification:  
1. Rating : DC 30V 5A.  
2. Contact resistance : ≤30mΩ  
After life test: ≤50mΩ  
3. Insulation resistance : ≥100MΩ (500VDC).  
After life test: ≥50MΩ  
4. Withstand voltage : 500VAC.  
5. Insertion and extraction force :  
Initial: 3N~30N.  
After life test: 2N~20N.  
6. Life test : 5000 cycles min.  
7. Operation temperature range : -20°C~70°C.  
8. Preservative temperature range : -40°C~85°C.  
9. Ingress protection : IP-X7.



|            |                                         |
|------------|-----------------------------------------|
| Model No.  | E                                       |
| CENTER PIN | Ø1.3                                    |
| DIM A      | Ø1.35 <sup>+0.10</sup> <sub>-0.00</sub> |



○: ITEM NO. □: TERMINAL NO.

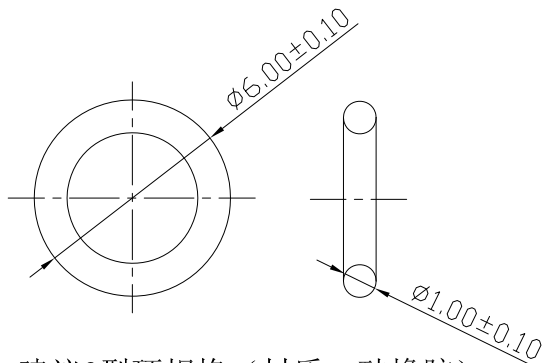
|     |                  |                        |      |            |                                                                                                                                                                                                        |        |
|-----|------------------|------------------------|------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| ⑥   | Shield           | Brass t=0.20           | 1    | Ni plating | TOLERANCE                                                                                                                                                                                              | ANGLES |
| ⑤   | Shunt terminal ③ | Brass t=0.30           | 1    | Gold Flash | ±0.3                                                                                                                                                                                                   | ±2°    |
| ④   | Tip spring ②     | Phosphor bronze t=0.25 | 1    | Gold Flash |                                                                                                                                                                                                        |        |
| ③   | Center pin ①     | Phosphor bronze t=0.30 | 1    | Gold Flash |                                                                                                                                                                                                        |        |
| ②   | Cover            | PA10T UL94V-0          | 1    | Black      | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOVATECH INC. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOVATECH INC. |        |
| ①   | Housing          | PA10T UL94V-0          | 1    | Black      |                                                                                                                                                                                                        |        |
| NO. | PARTS            | MATERIAL               | Q'TY | FINISHING  |                                                                                                                                                                                                        |        |

|                                                                                       |  |                                           |  |                             |  |       |      |                     |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------------|--|-------|------|---------------------|
| UNITS                                                                                 |  | LONGCHUANG ZHONGYE (HK)CO.,LIMITED        |  |                             |  |       |      |                     |
| mm                                                                                    |  |                                           |  |                             |  |       |      |                     |
| MAT'L                                                                                 |  | TITLE:<br>WATERPROOF DIP DC<br>POWER JACK |  | PART NO.:<br><br>DCB0-02030 |  |       |      |                     |
| SEE NOTE                                                                              |  |                                           |  |                             |  |       |      |                     |
| FINISH                                                                                |  | DR:<br><i>Ricky</i> 2019/03/04            |  | DWG NO.:<br><br>AB0-02030   |  |       |      |                     |
| SEE NOTE                                                                              |  |                                           |  |                             |  |       |      |                     |
| Q'TY                                                                                  |  | CHKD: <i>Ricky</i> 2019/03/04             |  | SCALE                       |  | SHEET | REV. | CUSTOMER<br>DRAWING |
|  |  | APPD:                                     |  | 1:1                         |  | 1/2   | A    |                     |

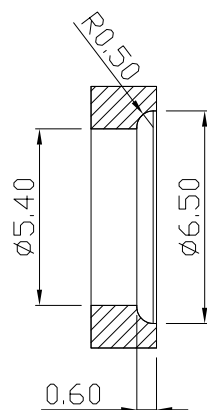


RoHS  
Compliant  
2002/95/EC

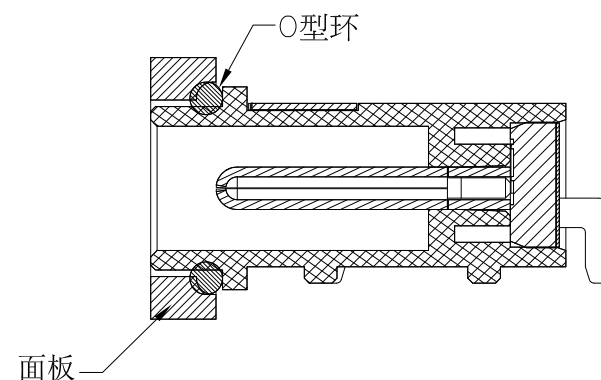
| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
|      |      |     |       |
|      |      |     |       |
|      |      |     |       |



建议O型环规格（材质：硅橡胶）



Recommended open dimension of case  
TOLERANCE:  $\pm 0.03\text{mm}$   
MATTING AREA WITH SEALING RING



组装O型环和面板后示意图

| TOLERANCE                                                                                                                                                                                                        | ANGLES        | UNITS<br>mm | 雅安科技有限公司<br>ACCURATE INNOTECH INC.        |                       |              |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|-------------------------------------------|-----------------------|--------------|-----------|
| $\pm 0.3$                                                                                                                                                                                                        | $\pm 2^\circ$ | MAT'L       | PART NO.:<br>DCB0-02030                   |                       |              |           |
|                                                                                                                                                                                                                  |               | SEE NOTE    | TITLE:<br>WATERPROOF DIP DC<br>POWER JACK | DWG NO.:<br>AB0-02030 |              |           |
|                                                                                                                                                                                                                  |               | FINISH      | DR: <i>Ricky</i> 2019/03/04               | SCALE                 |              |           |
|                                                                                                                                                                                                                  |               | SEE NOTE    | CHKD: <i>Ricky</i> 2019/03/04             | 1:1                   | SHEET<br>2/2 | REV.<br>A |
| THESE DRAWINGS AND SPECIFICATIONS ARE<br>THE PROPERTY OF ACCURATE INNOTECH INC<br>AND SHALL NOT BE REPRODUCED, COPIED<br>OR USED IN ANY MANNER WITHOUT THE<br>PRIOR WRITTEN CONSENT OF ACCURATE<br>INNOTECH INC. |               |             | APPD:                                     | CUSTOMER<br>DRAWING   |              |           |
|                                                                                                                                                                                                                  |               |             |                                           |                       |              |           |