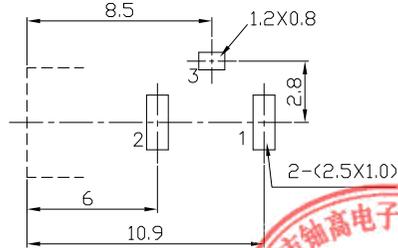
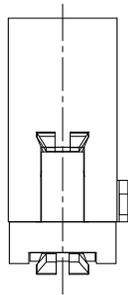
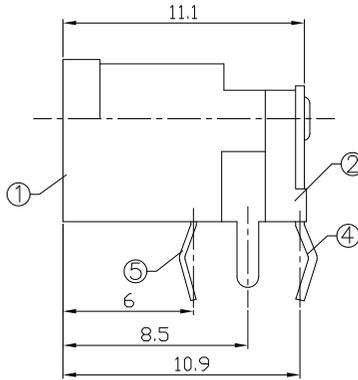
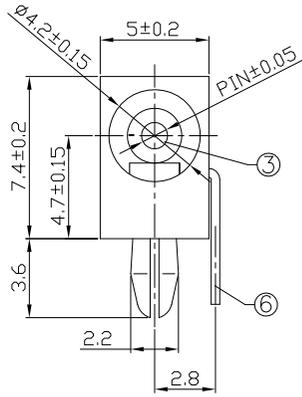




RoHS  
Compliant  
2002/95/EC

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

### DIMENSIONS



Recommended PCB Layout  
(Tolerance±0.05)  
(Copper-sided View)

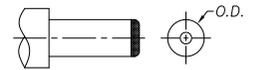
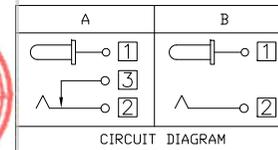
### MODEL CODE:

DCB0-0002A- A □ PB BK S Q 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:  
 C=φ1.0 , E=φ1.3 , G=φ1.65  
 (5):Material of housing:  
 PB=PBT, 46=PA46, 9T=PA9T  
 (6):Housing color:  
 BK=Black (Standard)  
 (7):Terminal plating  
 S=Silver(Ag)  
 (8):Special option:  
 0=No special opion  
 (9):Packing mode:  
 4=Bag packing

### SPECIFICATION

- Rating : DC 30V 1A;
- Contact resistance: ≤50mΩ;  
After test:≤100mΩ
- Insulation resistance: ≥100MΩ (DC500V);  
After test:≥50MΩ
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles;
- Operation temperature range:-20°C~70°C;
- Preservative temperature range:-40°C~85°C;



DC MATE PLUG

| Model No.    | C    | E    | G     |
|--------------|------|------|-------|
| CENTER PIN   | φ1.0 | φ1.3 | φ1.65 |
| DC PLUG O.D. | φ3.5 | φ3.5 | φ4.00 |

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS                 | MATERIAL              | Q'TY | FINISHING      | TOLERANCE | ANGLES | UNITS    |
|-----|-----------------------|-----------------------|------|----------------|-----------|--------|----------|
| ⑥   | Shunt terminal ③      | Brass t=0.4           | 1    | Silver Plating |           |        | mm       |
| ⑤   | Tip spring ②          | SUS301 t=0.2          | 1    | Silver Plating | ±0.3      | ±2'    | MAT'L    |
| ④   | Center pin terminal ① | Brass t=0.4           | 1    | Silver Plating |           |        | SEE NOTE |
| ③   | Center pin ①          | Brass                 | 1    | Nickel plating |           |        | FINISH   |
| ②   | Cover                 | PBT/PA46/PA9T UL94V-0 | 1    |                |           |        | SEE NOTE |
| ①   | Housing               | PBT/PA46/PA9T UL94V-0 | 1    |                |           |        | Q'TY     |
|     |                       |                       |      |                |           |        |          |

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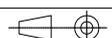
### 东莞市铀高电子制品有限公司

TITLE: DIP DC POWER JACK PART NO.: DCB0-0002A

DR: Ricky 2019/03/04 DWG NO.: AB0-0002A

CHKD: Ricky 2019/03/04

APPD: SCALE SHEET REV. CUSTOMER DRAWING



|     |     |   |                  |
|-----|-----|---|------------------|
| 1:1 | 1/1 | A | CUSTOMER DRAWING |
|-----|-----|---|------------------|