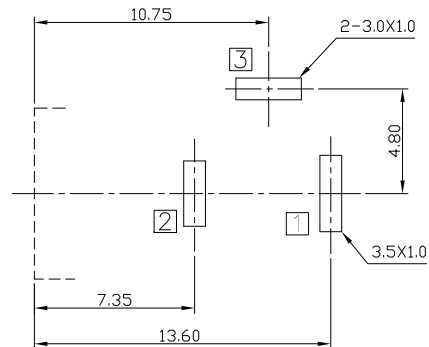
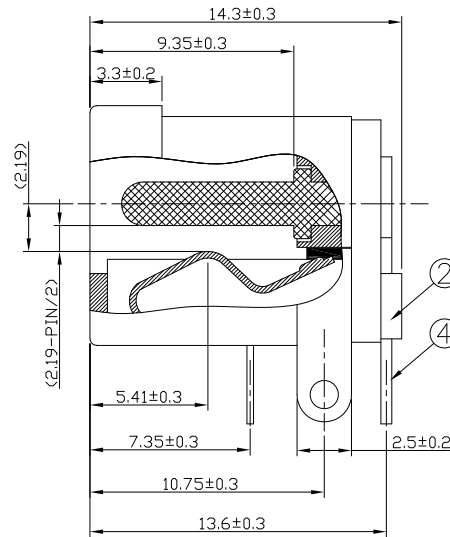
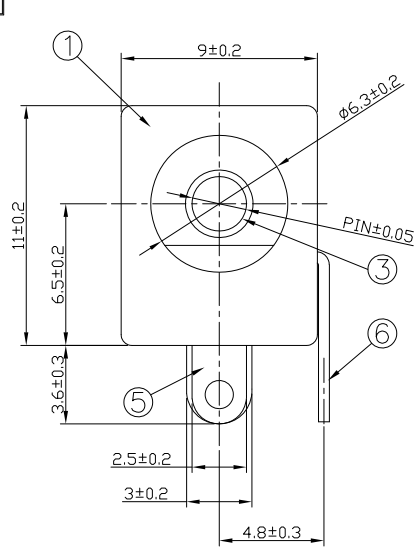




RoHS  
Compliant  
2002/95/EC

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

## DIMENSIONS



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05mm  
(BOTTOM VIEW)

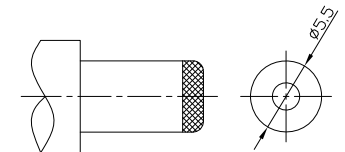
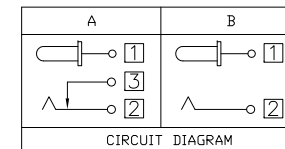
## MODEL CODE:

DCB0-0005E- A □ PB BK I Q 4

- (1):Series type:DIP DC POWER JACK.  
(2):Series No.  
(3):Schematic option: A , B  
(4):Center pin diameter:  
G=Ø1.65 ,H=Ø2.0 ,I=Ø2.35 ,J=Ø2.5  
(5):Material of housing:  
PB=PBT (Standard)  
(6):Housing color:  
BK=Black  
(7):Terminal plating  
T=Tin(Sn)  
(8):Special option:  
0=No special option  
(9):Packing mode:  
4=Bag packing

## Specification:

- 1.Rating : DC 48V/1.5A.  
2.Contact resistance: ≤30mΩ  
After test:≤50mΩ  
3. Insulation resistance: ≥100MΩ (500VDC).  
After test:≥50MΩ  
4. Withstanding voltage: 500VAC.  
5. Insertion and extraction force: 3N~30N.  
6. Life test: 5000 cycles min.  
7. Operation temperature range:-20℃~70℃.  
8. Preservative temperature range:-40℃~85℃.



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS                 | MATERIAL                | Q'TY | FINISHING    | TOLERANCE | ANGLES | UNITS  | mm                     | 东 莞 市 铀 高 电 子 制 品 有 限 公 司 |
|-----|-----------------------|-------------------------|------|--------------|-----------|--------|--------|------------------------|---------------------------|
| ⑥   | Shunt terminal ③      | Brass t=0.5mm           | 1    | Tin plating  | ±0.3      | ±2°    | MAT'L  | SEE NOTE               | TITLE: DIP DC POWER JACK  |
| ⑤   | Tip spring ②          | Phosphor bronze t=0.3mm | 1    | Tin plating  | ±0.3      | ±2°    | FINISH | SEE NOTE               | DR: Ricky 2019/03/06      |
| ④   | Center pin terminal ① | Brass t=0.5mm           | 1    | Tin plating  | ±0.3      | ±2°    | Q'TY   | CHKD: Ricky 2019/03/06 | PART NO.: DCB0-0005E      |
| ③   | Center pin            | Brass                   | 1    | Cusn Plating | ±0.3      | ±2°    | APPD:  | SCALE: 1:1             | DWG NO.: AB0-0005E        |
| ②   | Cover                 | PBT UL94V-0             | 1    | Black        | ±0.3      | ±2°    | APPD:  | SHEET: 1/1             | REV: A                    |
| ①   | Housing               | PBT UL94V-0             | 1    | Black        | ±0.3      | ±2°    | APPD:  | CUSTOMER DRAWING       |                           |