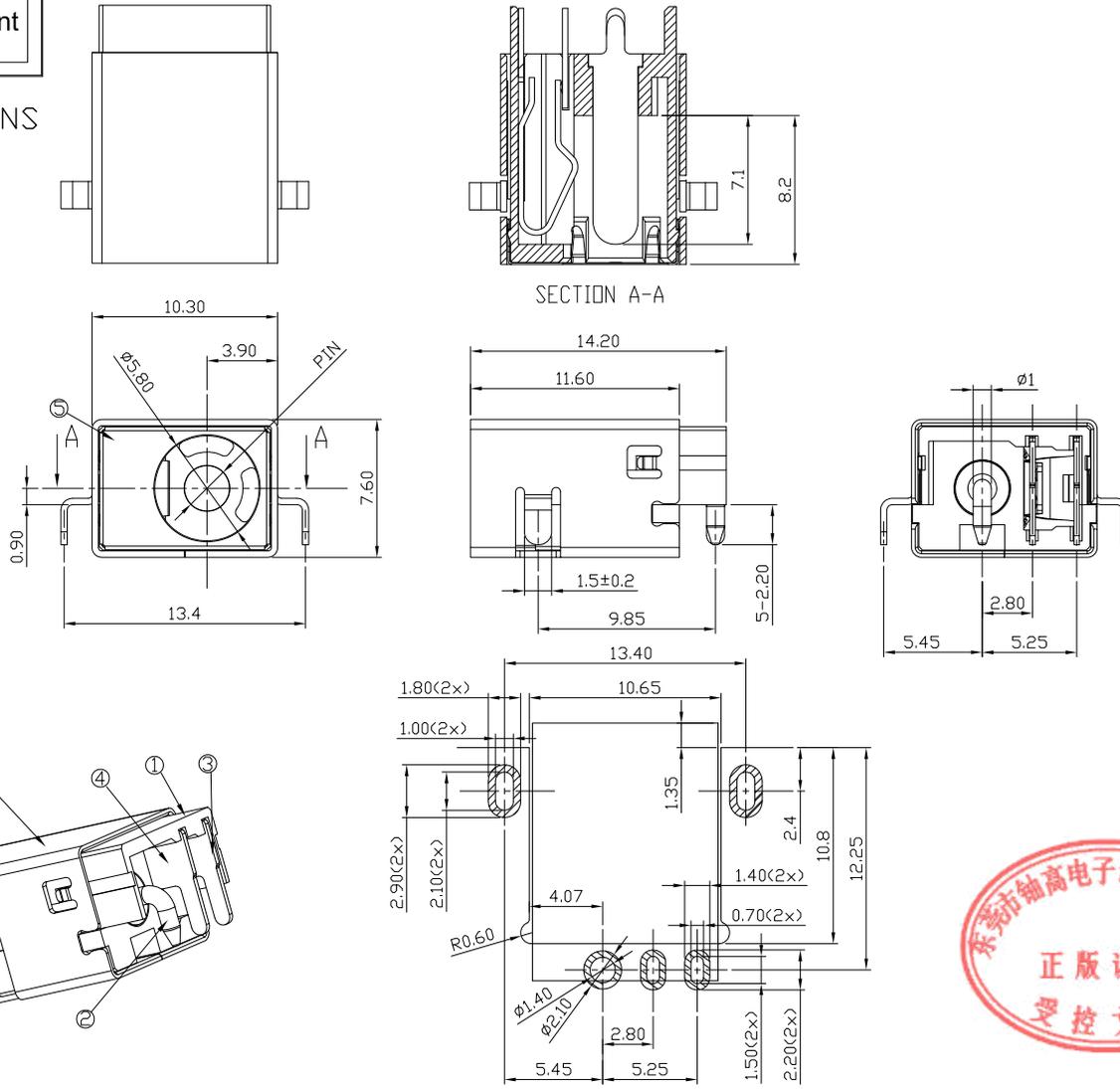




RoHS Compliant  
2002/95/EC

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

DIMENSIONS

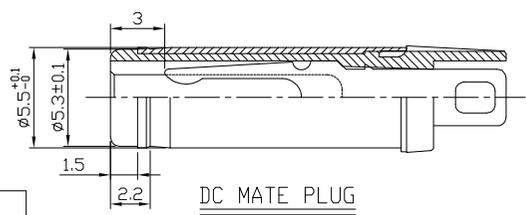
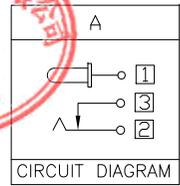


MODEL CODE:  
DCB0-01680- A □ LC BK A 1 1  
(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:SMD DC POWER JACK.  
(2):Series No.  
(3):Schematic option: A  
(4):Center pin diameter:  
H=∅2.0, J=∅2.5  
(5):Material of housing:  
LC=LCP(Standard)  
(6):Housing color:  
BK=Black  
(7):Terminal plating:  
S=Silver(Ag 8u")  
A=Silver(Ag 20u")  
(8):Special option:  
0=Center Pin with Nickel plating  
1=Center Pin with Gold plating  
(9):Packing mode:  
1=Reel packing

Specification:

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



|            |      |      |
|------------|------|------|
| Model No.  | H    | J    |
| CENTER PIN | ∅2.0 | ∅2.5 |

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS            | MATERIAL                | Q'TY | FINISHING                   |
|-----|------------------|-------------------------|------|-----------------------------|
| ⑥   | SHELL            | Copper alloy            | 1    | Nickel plating              |
| ⑤   | Grounding        | Stainless Steel         | 1    |                             |
| ④   | Shunt terminal ③ | Copper alloy            | 1    | Silver plating              |
| ③   | Tip spring ②     | Copper alloy            | 1    | Silver plating              |
| ②   | pin ①            | Copper alloy            | 1    | Nickel plating/Gold plating |
| ①   | Housing          | High-temp Thermoplastic | 1    | Black halogen free          |

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|           |        |          |                          |                  |                      |       |
|-----------|--------|----------|--------------------------|------------------|----------------------|-------|
| TOLERANCE | ANGLES | UNITS    | 东莞市铀高电子制品有限公司            |                  |                      |       |
| ±0.3      | ±2°    | mm       |                          |                  |                      |       |
|           |        | MAT'L    |                          |                  |                      |       |
|           |        | SEE NOTE | TITLE: SMD DC POWER JACK |                  | PART NO.: DCB0-01680 |       |
|           |        | FINISH   | DR: Ricky 2018/06/27     |                  | DWG NO.: AB0-01680   |       |
|           |        | SEE NOTE | CHKD: Ricky 2018/06/27   |                  |                      |       |
|           |        | Q'TY     | APPD:                    |                  | SCALE                | SHEET |
|           |        |          |                          |                  | 1:1                  | 1/1   |
|           |        |          | REV.                     | CUSTOMER DRAWING |                      |       |
|           |        |          | A                        |                  |                      |       |