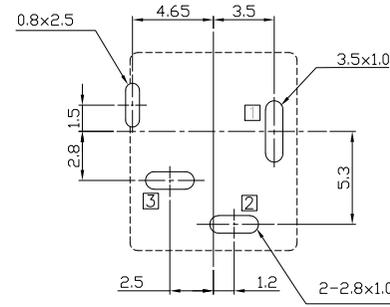
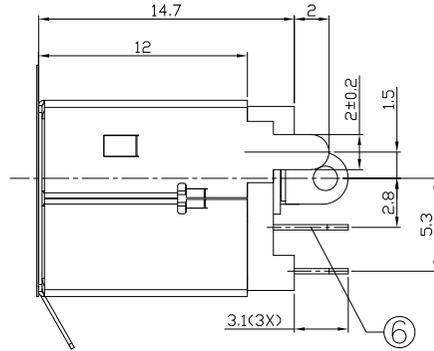
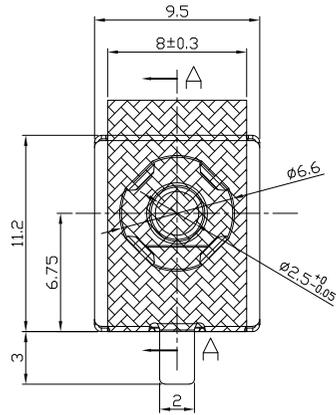




RoHS
Compliant
2002/95/EC

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

DIMENSIONS



P.C.B Layout
(Copper-sided view)

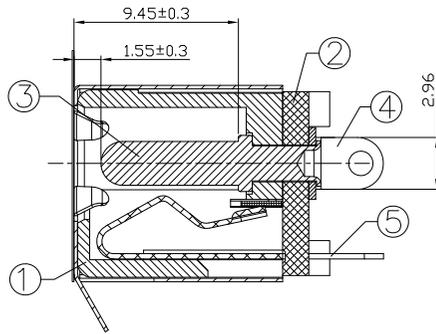
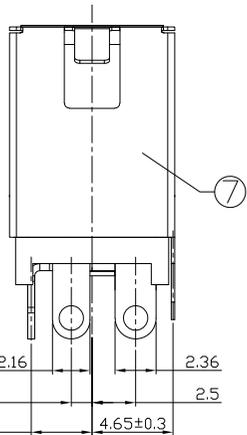
MODEL CODE:

DCB0-0012H- A J 10 BK S H 1

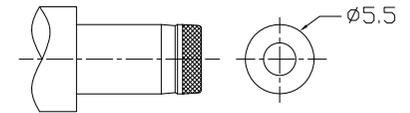
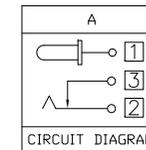
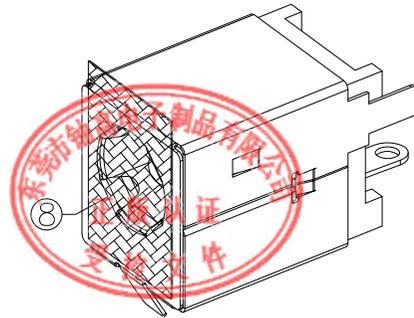
- (1) (2) (3)(4)(5) (6) (7)(8) (9)
- (1):Series type:DIP DC POWER JACK.
 (2):Series No.
 (3):Schematic option: A
 (4):Center pin diameter: J=φ2.5
 (5):Material of housing:
 10=PA10T
 (6):Housing color:
 BK=Black
 (7):Terminal plating
 S=Silver(Ag)
 (8):Special option:
 0=No special option
 H=Halogen Free
 (9):Packing mode:
 1=Reel packing

Specification:

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



SECTION A-A



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS | MATERIAL | Q'TY | FINISHING | TOLERANCE | ANGLES | UNITS |
|-----|-----------------------|-----------------------|------|----------------|-----------|--------|----------|
| ⑧ | Mylar | Polyimide | 1 | | | | mm |
| ⑦ | Shell | SUS301 t=0.2 | 1 | Nickel plating | ±0.3 | ±2' | MAT'L |
| ⑥ | Shunt terminal ③ | Brass t=0.3 | 1 | Silver plating | | | SEE NOTE |
| ⑤ | Tip spring ② | Phosphor bronze t=0.3 | 1 | Silver plating | | | SEE NOTE |
| ④ | Center pin terminal ① | Brass t=0.4 | 1 | Silver plating | | | FINISH |
| ③ | Center pin ① | Brass | 1 | Nickel plating | | | SEE NOTE |
| ② | Cover | PA10T | 1 | Black | | | Q'TY |
| ① | Housing | PA10T | 1 | Black | | | |

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| | | | |
|-----------------------------|--|-------------------------|------------------|
| 东莞市铀高电子制品有限公司 | | | |
| TITLE: DIP DC POWER JACK | | PART NO.: DCB0-0012H | |
| DR: Ricky 2019/03/07 | | DWG NO.: AB0-0012H | |
| CHKD: Ricky 2019/03/07 | | SCALE | SHEET |
| APPD: | | 1:1 | 1/1 |
| | | REV. | CUSTOMER DRAWING |
| | | A | |