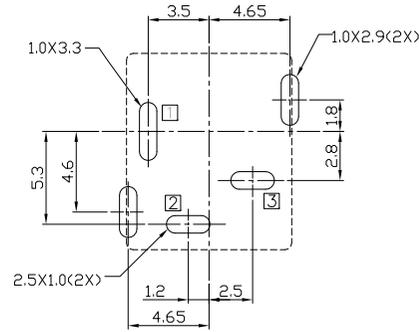
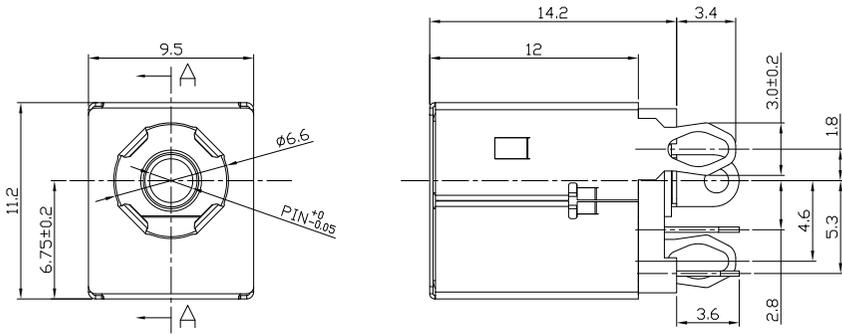




RoHS
Compliant
2002/95/EC

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

DIMENSIONS



RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(TOP SIDED VIEW)

MODEL CODE:

DCB0-0012K- A □ PB BK S 0 3

(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:

G=φ1.65 , H=φ2.0 , J=φ2.5

(5):Material of housing:

PB=PBT (Standard)

(6):Housing color:

BK=Black

(7):Terminal plating

S=Silver(Ag)

(8):Special option:

0=No special option

(9):Packing mode:

3=Plastic box packing

Specification:

1.Rating :DC 20V 5A.

2.Contact resistance :≤30mΩ

After test:≤50mΩ

3.Insulation resistance : ≥100MΩ (500VDC).

After test:≥50MΩ

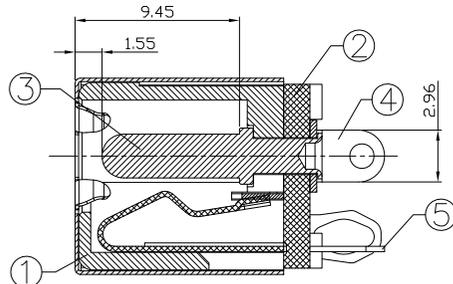
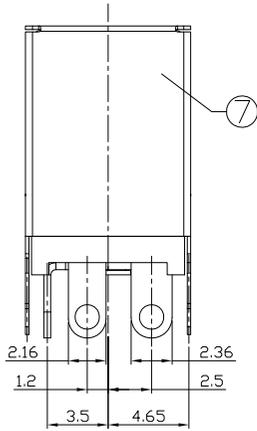
4.Withstanding voltage: 500VAC .

5.Insertion and extraction force: 3N~30N.

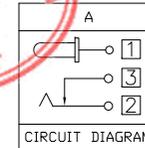
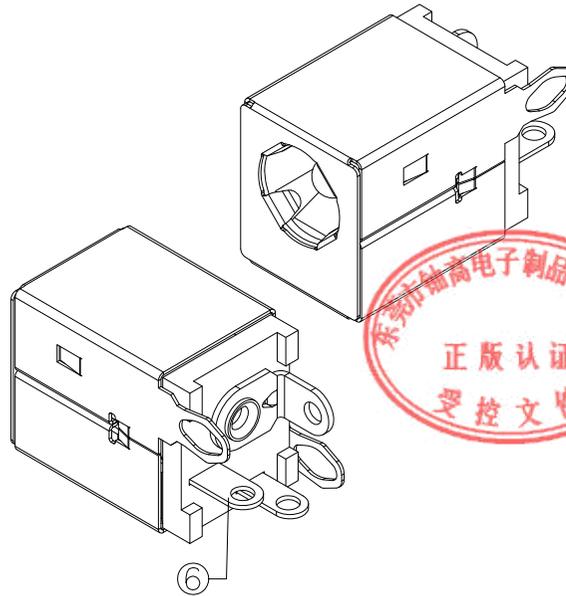
6.life test: 5000cycles min.

7.□operation temperature range:-20℃~70℃.

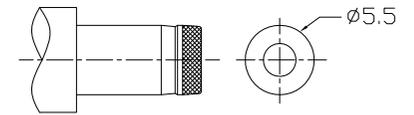
8.Preservative temperature range:-40℃~85℃.



SECTION A-A



CIRCUIT DIAGRAM



DC MATE PLUG

| Model No. | G | H | J |
|------------|-------|------|------|
| CENTER PIN | φ1.65 | φ2.0 | φ2.5 |

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS | MATERIAL | Q'TY | FINISHING | TOLERANCE | ANGLES | UNITS | 东莞市铀高电子制品有限公司 | | | |
|-----|-----------------------|-----------------------|------|----------------|---|--------|----------|---|--|--|--|
| ⑦ | Shell | Stainless stell t=0.2 | 1 | Nickel plating | ±0.3 | ±2' | mm | TITLE: DIP DC POWER JACK PART NO.: DCB0-0012K DR: Ricky 2019/03/07 DWG NO.: AB0-0012K SCALE: 1:1 SHEET: 1/1 REV: A CUSTOMER DRAWING | | | |
| ⑥ | Shunt terminal ③ | Brass t=0.3 | 1 | Silver plating | | | MAT'L | | | | |
| 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 | PA9T,UL94V-0 | 1 | Black | | | Q'TY | | | | |
| ① | Housing | PA9T,UL94V-0 | 1 | Black | | | | | | | |
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