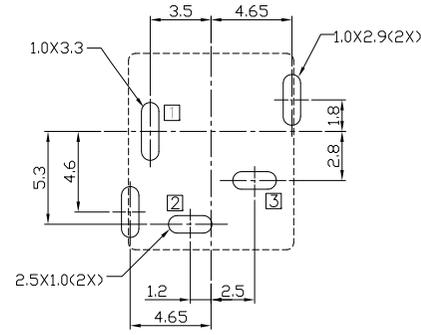
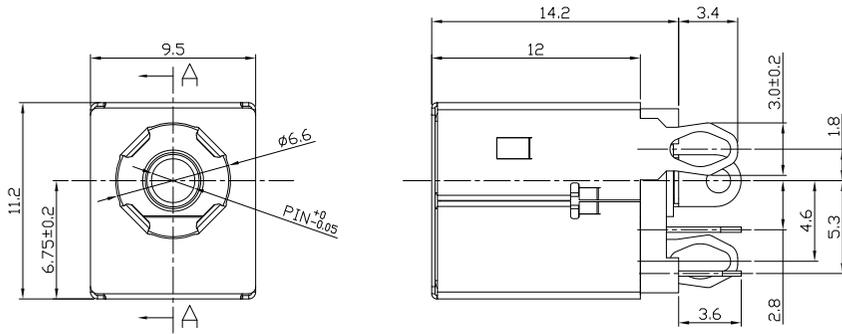




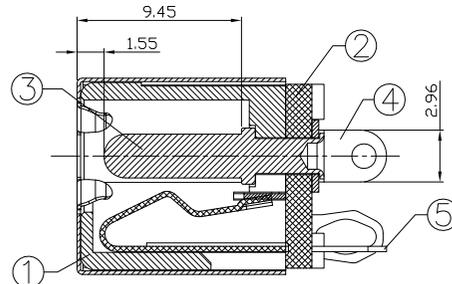
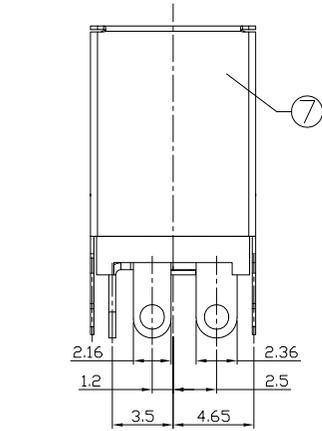
RoHS  
Compliant  
2002/95/EC

REV.	ECN.	NO.	APPD.

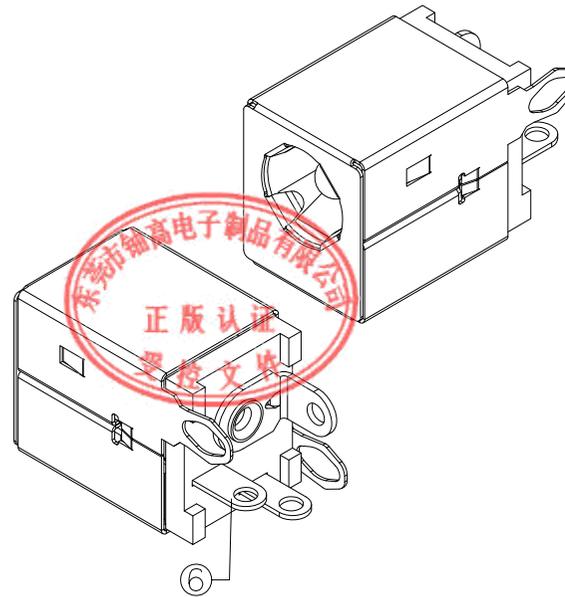
### DIMENSIONS



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



SECTION A-A



### 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

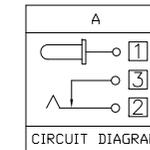
4.Withstanding voltage: 500VAC .

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

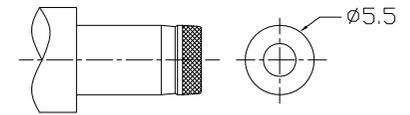
6.life test: 5000cycles min.

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

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



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
7	Shell	Stainless stell t=0.2	1	Nickel plating	±0.3	±2'	mm
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			
					<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNO TECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNO TECH INC.</small>		

东莞市铀高电子制品有限公司

TITLE: DIP DC POWER JACK

PART NO.: DCB0-0012K

DR: Ricky 2019/03/07

DWG NO.: AB0-0012K

CHKD: Ricky 2019/03/07

APPD:

SCALE	SHEET	REV.	CUSTOMER DRAWING
1:1	1/1	A	