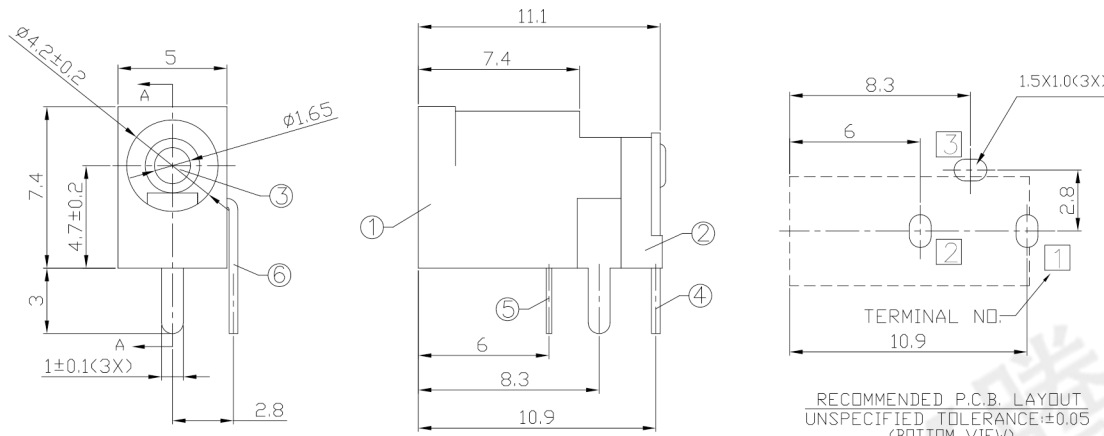




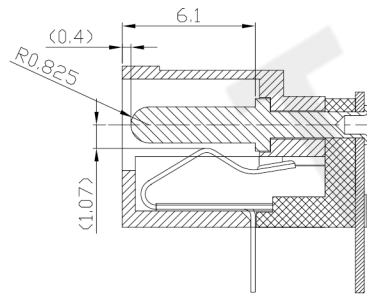
RoHS  
Compliant  
2002/95/EC

REV.	ECN.	NO.	APPD.

### DIMENSIONS



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



SECTION A-A

### MODEL CODE:

DCB0-0002D- A G PB BK S 0 4

(1) (2) (3)(4)(5) (6) (7)(8) (9)

(1):Series type:DIP DC POWER JACK.

(2):Series No.

(3):Schematic option: A , B

(4):Center pin diameter:

G=φ1.65

(5):Material of housing:

PB=PBT , 46=PA46

(6):Housing color:

BK=Black (Standard)

(7):Terminal plating

S=Silver(Ag)

(8):Special option:

0=No special option

(9):Packing mode:

4=Bag packing

### Specification:

1.Rating : DC 12V 2A.

2.Contact resistance: ≤30mΩ

After test:≤50mΩ

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

After test:≥50MΩ

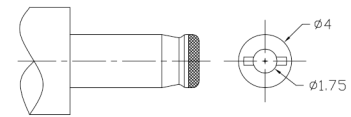
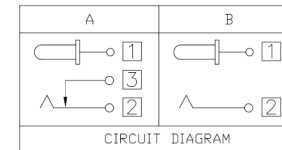
4.Withstanding voltage: 500VAC.

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

6.life test: 5000cycles min.

7.Operation temperature range:-20°C~70°C

8.Preservative temperature range:-40°C~85°C



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS	mm
⑥	Shunt terminal ③	Brass t=0.4	1	Silver Plating	±0.3	±2°	SEE NOTE	mm
⑤	Tip spring ②	Stainless steel t=0.2	1	Silver Plating				
④	Center pin terminal ①	Brass t=0.4	1	Silver Plating			SEE NOTE	
③	Center pin ①	Brass	1	CuSn/Nickel plating			FINISH	
②	Cover	PBT/PA46,UL 94V-0	1	Black			SEE NOTE	
①	Housing	PBT/PA46,UL 94V-0	1	Black			Q'TY	

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东莞市腾兴电子有限公司

TITLE: DIP DC POWER JACK PART NO.: DCB0-0002D

DR: Ricky 2019/03/04 DWG NO.: AB0-0002D

CHKD: Ricky 2019/03/04 SCALE SHEET REV. CUSTOMER DRAWING

APPD: 1:1 1/1 A