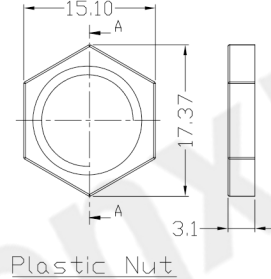
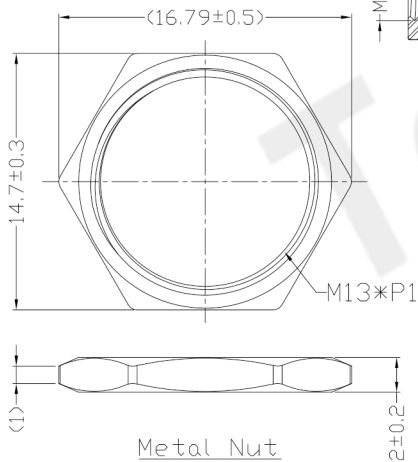
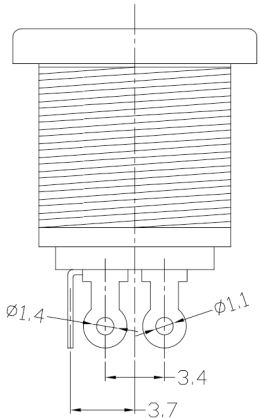
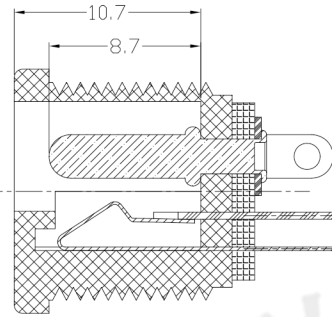
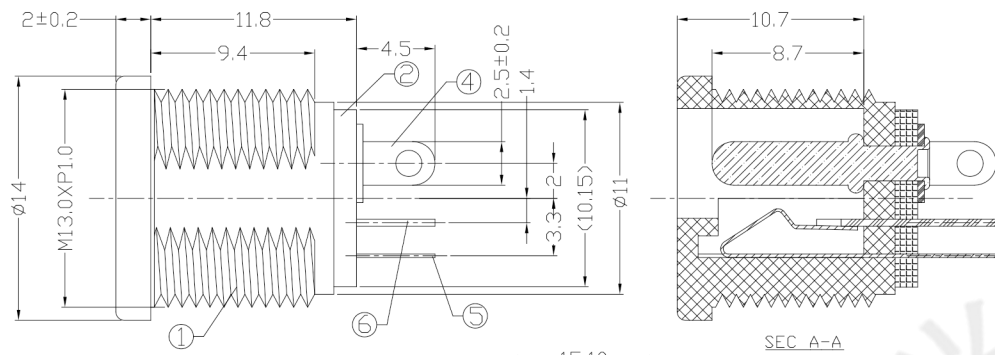
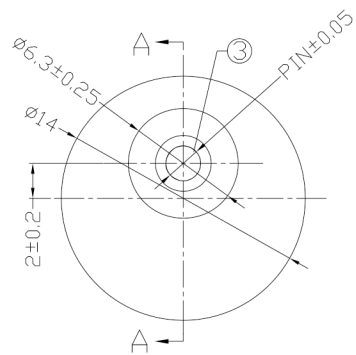


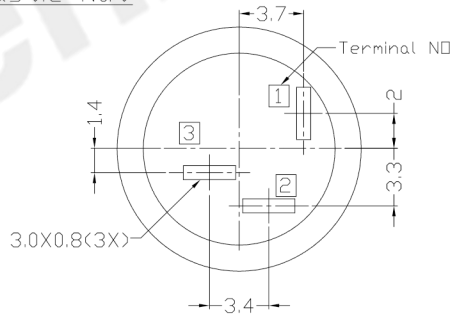


RoHS Compliant  
2002/95/EC

DIMENSIONS



Plastic Nut



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

MODEL CODE:

DCB0-00220- A □ PB BK I 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:

H=∅2.0, I=∅2.35, J=∅2.5

(5):Material of housing:

PB=PBT (Standard)

(6):Housing color:

BK=Black

(7):Terminal plating

T=Tin(Sn)

(8):Special option:

0=Mate metal nut

1=Mate plastic nut

B=Metal nut(nut need been assembled onto DC jack)

(9):Packing mode:

4=Bag packing

SPECIFICATION:

1.Rating : DC 20V 2.5A;

2.Contact resistance: ≤50mΩ;

After test:≤100mΩ

3.Insulation resistance: ≥100MΩ (DC500V);

After test:≥50MΩ

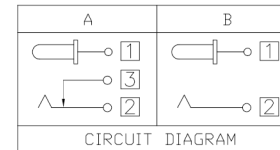
4.Withstand voltage: 500VAC ;

5.Insertion and extraction force: 3-30N;

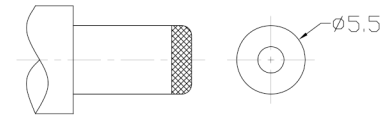
6.life test: 5,000 cycles;

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

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



CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	H	I	J
CENTER PIN	∅2.0	∅2.35	∅2.5

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	Shunt terminal ③	Brass t=0.3	1	Tin Plating
⑤	Tip spring ②	Stainless steel t0.25	1	Tin Plating
④	Center pin terminal ①	Brass t=0.3	1	Tin Plating
③	Center pin ①	Copper alloy	1	CuSn Plating
②	Cover	PF	1	
①	Housing	PBT	1	Black

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TOLERANCE	ANGLES	UNITS	mm
±0.3	±2°	MAT'L	
		SEE NOTE	
		FINISH	
		SEE NOTE	
		Q'TY	

东莞市腾兴电子有限公司

TITLE:	DIP DC POWER JACK	PART NO.:	DCB0-00220
DR:	Ricky 2019/04/10	DWG NO.:	AB0-00220
CHKD:	Ricky 2019/04/10	SCALE	SHEET
APPD:		1:1	1/1
		REV.	A
		CUSTOMER DRAWING	