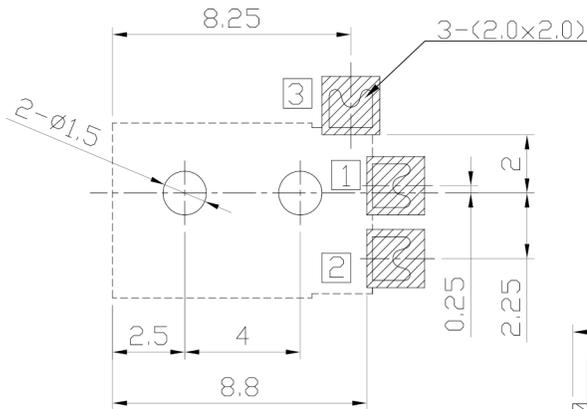
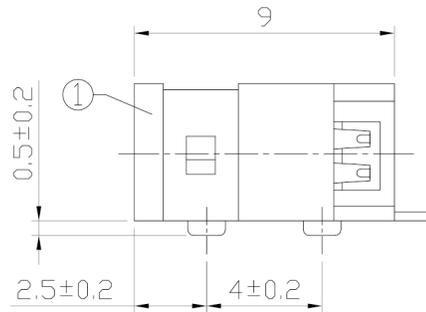
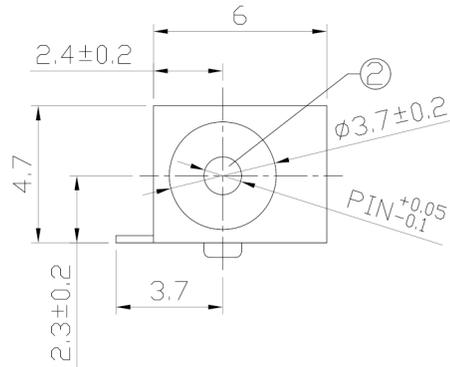




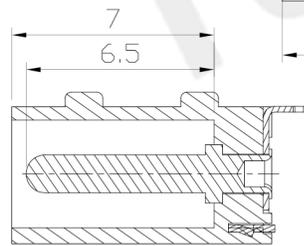
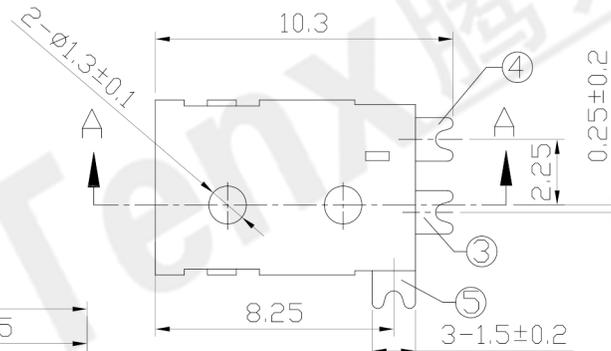
RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS



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



SECTION A-A

MODEL CODE:

DCB0-00450- A □ LC BK S 0 1

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

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

(2):Series No.

(3):Schematic option: A,B

(4):Center pin diameter:

C=φ1.0, E=φ1.3

(5):Material of housing:

LC=LCP(Standard)

(6):Housing color:

BK=Black

(7):Terminal plating:

S=Silver(Ag),G=Gold(Au)

(8):Special option:

0=No special option

(9):Packing mode:

1=Reel packing

3=Plastic box packing

SPECIFICATION

1.Rating : DC 12V 1A;

2.Contact resistance : ≤30mΩ;

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

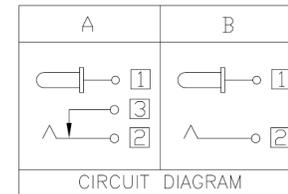
4.Withstand voltage : 500VAC ;

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

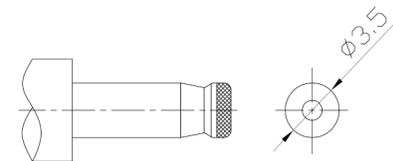
6.life test : 5,000 cycles.

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

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



Model No.	C	E
CENTER PIN	φ1.0	φ1.3



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑤	Shunt terminal ③	Brass,t=0.25	1	Silver/Gold plating
④	Tip spring ②	Beryllium bronze,t=0.3	1	Silver/Gold plating
③	Center pin terminal ①	Brass,t=0.2	1	Silver/Gold plating
②	Center pin ①	Brass	1	Nickel/Gold plating
①	Housing	LCP	1	

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

东莞市腾兴电子有限公司			
TITLE: SMD DC POWER JACK		PART NO.: DCB0-00450	
DR: Ricky 2018/06/20		DWG NO.: AB0-00450	
CHKD: Ricky 2018/06/20		SCALE: 1:1	SHEET: 1/1
APPD:		REV: A	CUSTOMER DRAWING