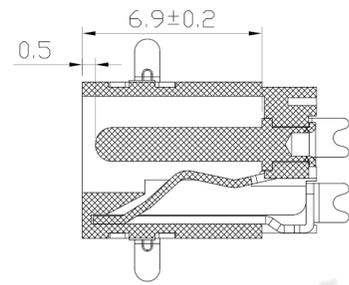
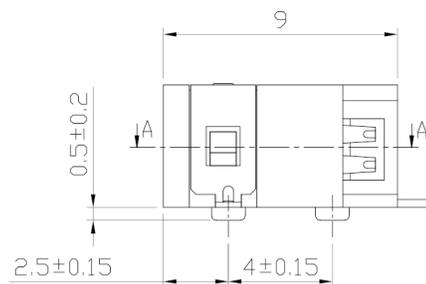
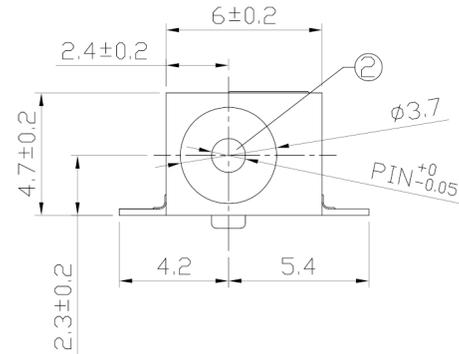




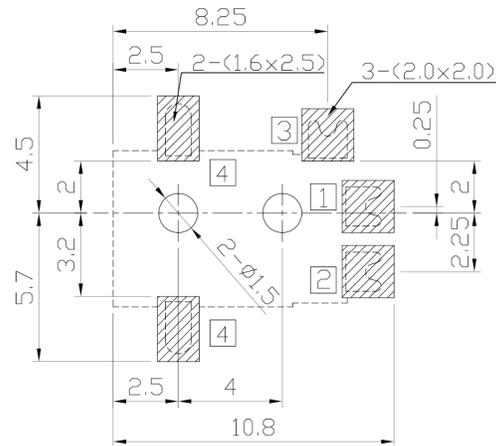
RoHS Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

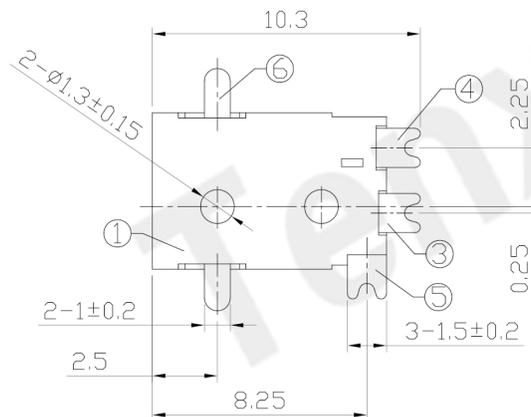
DIMENSIONS



SECTION A-A



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



MODEL CODE:

DCB0-0045B- 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:

A=φ1.0, E=φ1.3

(5):Material of housing:

LC=LCP(Standard)

(6):Housing color:

BK=Black

(7):Terminal plating:

S=Silver(Ag)

(8):Special option:

0=No special option

(9):Packing mode:

1=Reel packing

Specification:

1.Rating : DC 12V 1A.

2.Contact resistance: ≤30mΩ

After test:≤50mΩ

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

After test:≥50MΩ

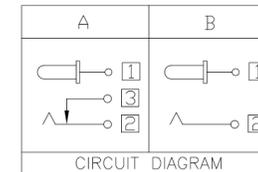
4.Withstanding voltage: 500VAC.

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

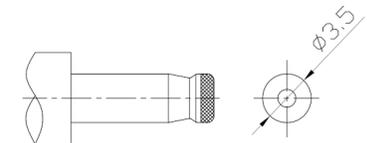
6.life test: 5000cycles min.

7.Operate temperature range:-20℃~70℃

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



Model No.	C	E
CENTER PIN	φ1.0	φ1.3



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	Shield plate	Brass t0.2	1	Silver plating
⑤	Shunt terminal ③	Brass t0.25	1	Silver plating
④	Tip spring ②	Beryllium bronze t0.3	1	Silver plating
③	Center pin terminal ①	Brass t0.2	1	Silver plating
②	Center pin ①	Brass	1	Nickel plating
①	Housing	LCP	1	Black

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TOLERANCE	ANGLES	UNITS	mm
±0.3	±2°	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.: DCB0-0045B	
DR: Ricky 2018/06/20		DWG NO.: AB0-0045B	
CHKD: Ricky 2018/06/20		SCALE	SHEET
APPD:		1:1	1/1
		REV.	CUSTOMER DRAWING
		A	