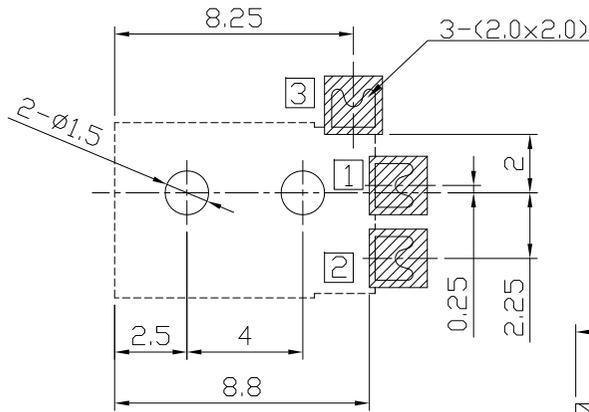
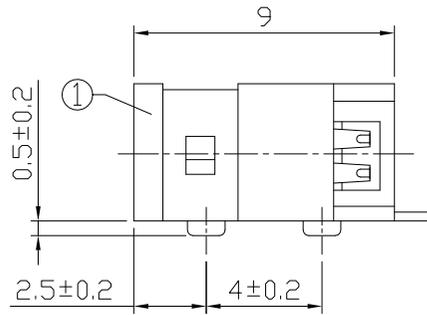
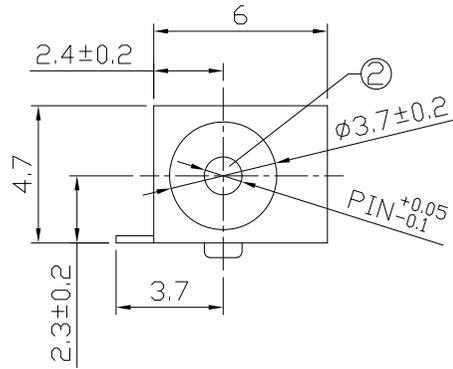




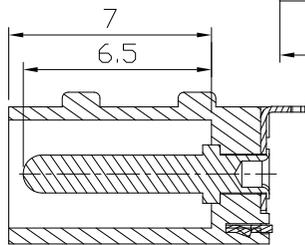
**RoHS Compliant**  
2002/95/EC

REV.	ECN.	NO.	APPD.

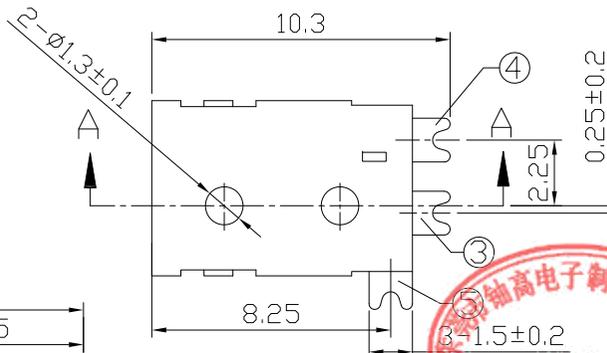
**DIMENSIONS**



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



SECTION A-A

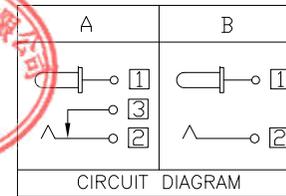


**MODEL CODE:**

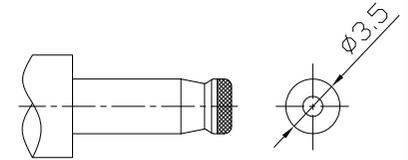
- DCB0-00450- A □ LC BK S 0 1  
 (1) (2) (3)(4) (5) (6) (7)(8) (9)  
 (1):Series type:SMD DC POWER JACK.  
 (2):Series No.  
 (3):Schematic option: A,B  
 (4):Center pin diameter:  
 C=φ1.0, E=φ1.3  
 (5):Material of housing:  
 LC=LCP(Standard)  
 (6):Housing color:  
 BK=Black  
 (7):Terminal plating:  
 S=Silver(Ag),G=Gold(Au)  
 (8):Special option:  
 0=No special option  
 (9):Packing mode:  
 1=Reel packing  
 3=Plastic box packing

**SPECIFICATION**

- Rating : DC 12V 1A;
- Contact resistance: ≤30mΩ;
- Insulation resistance: ≥100MΩ (DC500V);
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles.
- Operation temperature range:-20°C~70°C;
- Preservative temperature range:-40°C~85°C;



Model No.	C	E
CENTER PIN	φ1.0	φ1.3



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

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	
NO.	PARTS	MATERIAL	Q'TY	FINISHING

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TOLERANCE	ANGLES	UNITS	<b>东莞市铀高电子制品有限公司</b>				
±0.3	±2'	mm					
		MAT'L					
		SEE NOTE					
		FINISH	TITLE:	PART NO.:			
		SEE NOTE	SMD DC POWER JACK	DCB0-00450			
		Q'TY	DR: <i>Ricky</i> 2018/06/20	DWG NO.:			
			CHKD: <i>Ricky</i> 2018/06/20	AB0-00450			
			APPD:	SCALE	SHEET	REV.	CUSTOMER DRAWING
				1:1	1/1	A	

1 2 3 4 5 6 7