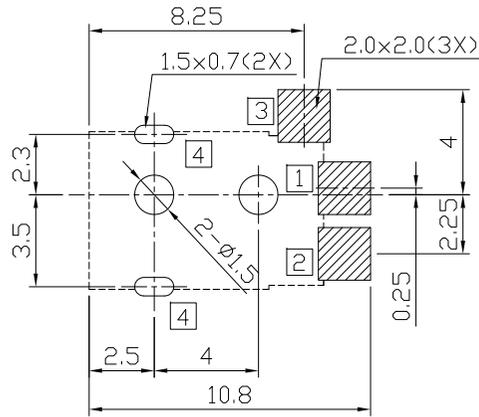
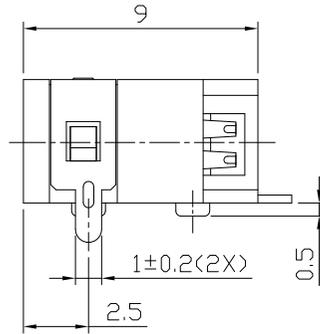
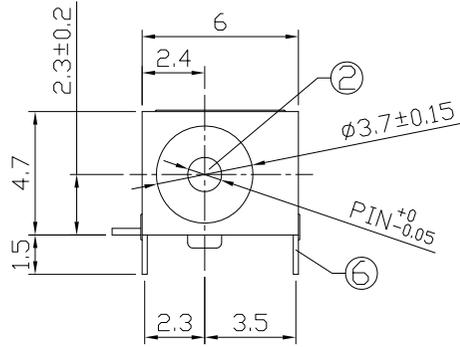




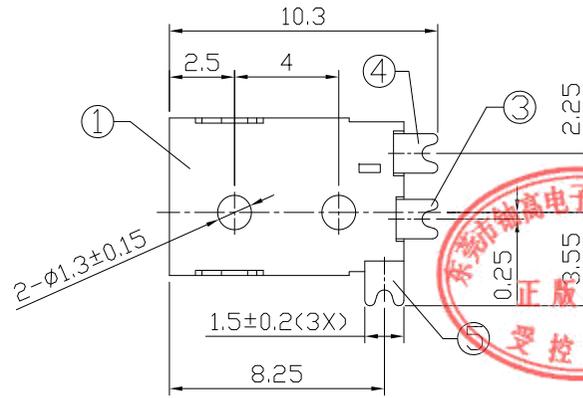
RoHS  
Compliant  
2002/95/EC

REV.	ECN. NO.	APPD.

### DIMENSIONS



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



### MODEL CODE:

DCB0-0045A- 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

(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

3=Plastic box packing

### Specification:

1.Rating : DC 12V 1A.

2.Contact resistance: ≤30mΩ

After test:≤50mΩ

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

After test:≥50MΩ

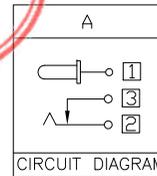
4.Withstanding voltage: 500VAC.

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

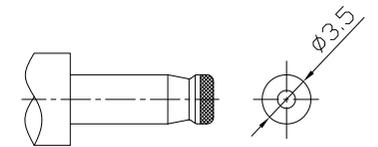
6.life test: 5000cycles min.

7.Operation 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	TOLERANCE	ANGLES	UNITS
6	Shield plate	Brass t0.2	1	Tin plating			mm
5	Shunt terminal	Brass t0.25	1	Silver plating	±0.3	±2'	MAT'L
4	Tip spring	Beryllium bronze t0.3	1	Silver plating			SEE NOTE
3	Center pin terminal	Brass t0.2	1	Silver plating			FINISH
2	Center pin	Brass	1	CuSn/Nickel plating			SEE NOTE
1	Housing	LCP,UL 94V-0	1	Black			Q'TY

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<b>东莞市铀高电子制品有限公司</b>			
TITLE: SMD DC POWER JACK		PART NO.: DCB0-0045A	
DR: <i>Ricky</i> 2018/06/20		DWG NO.: AB0-0045A	
CHKD: <i>Ricky</i> 2018/06/20		SCALE	SHEET
APPD:		1:1	1/1
		REV.	CUSTOMER DRAWING
		A	