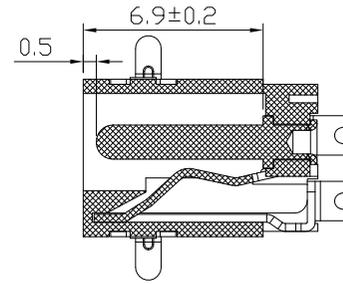
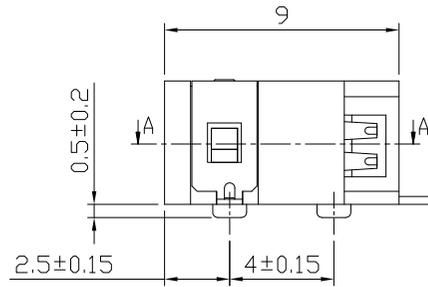
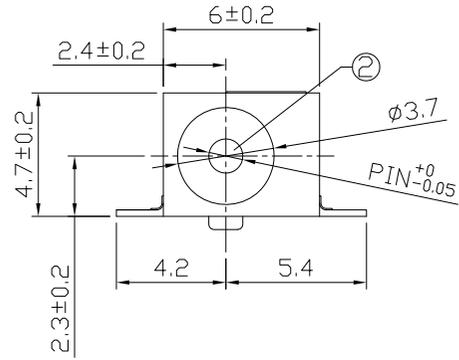




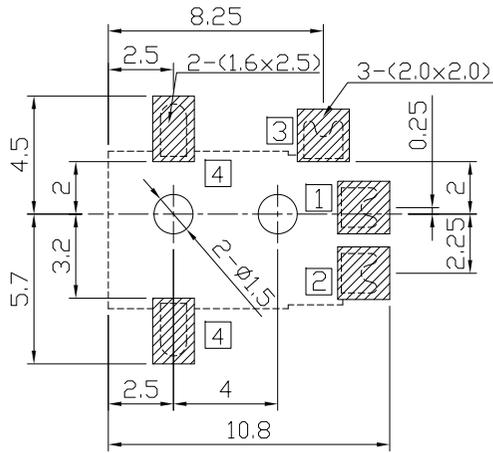
RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

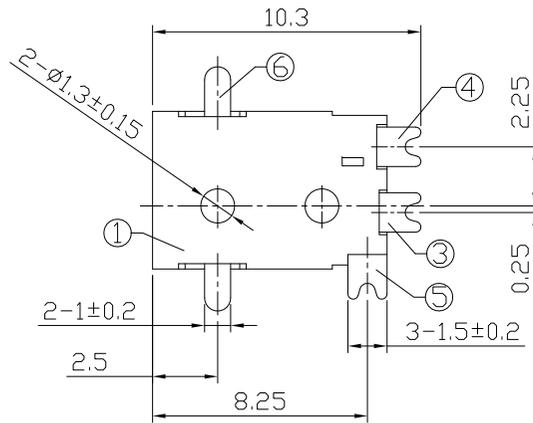
DIMENSIONS



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

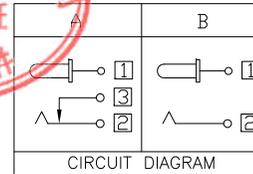
4.Withstanding voltage: 500VAC.

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

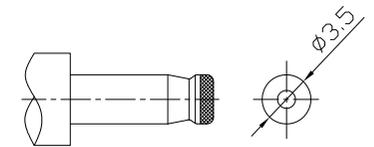
6.life test: 5000cycles min.

7.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	Silver 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	Nickel plating			SEE NOTE
①	Housing	LCP	1	Black			Q'TY

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东莞市铀高电子制品有限公司

TITLE: SMD DC POWER JACK

PART NO.: DCB0-0045B

DR: Ricky 2018/06/20

DWG NO.: AB0-0045B

CHKD: Ricky 2018/06/20

SCALE: 1:1 SHEET: 1/1 REV: A

CUSTOMER DRAWING