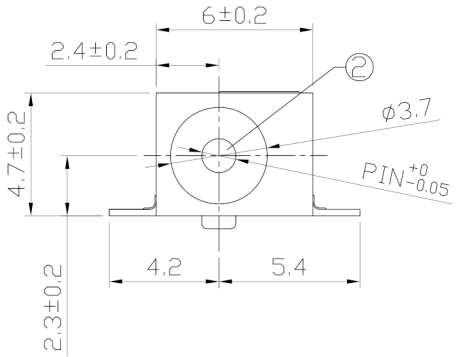
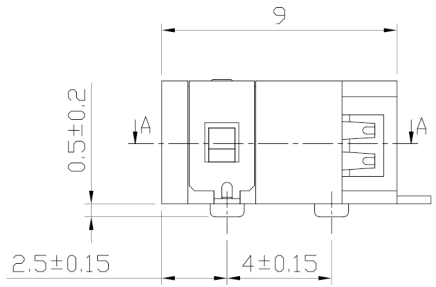
Pb Process Capable

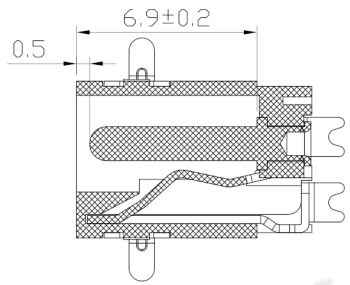
RoHS Compliant 2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS







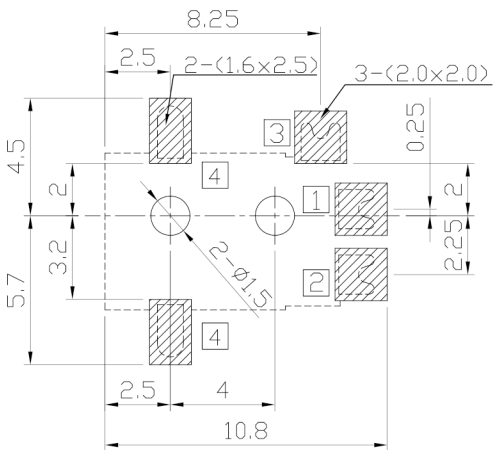
SECTION A-A

MODEL CODE:

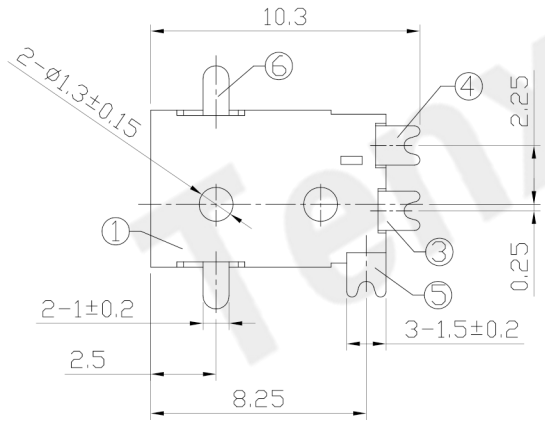
DCB0-0045B- A □ LC BK S 0 1

(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=ø1.0, E=ø1.3
(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

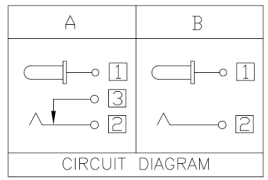


RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(COPPER-SIDED VIEW)

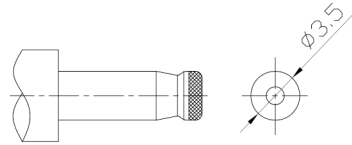


Specification:

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	ø1.0	ø1.3



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

TOLERANCE	ANGLES
±0.3	±2°

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UNITS mm
MAT'L SEE NOTE
FINISH SEE NOTE
Q'TY

东莞市腾兴电子有限公司

TITLE:	PART NO.:
SMD DC POWER JACK	DCB0-0045B
DR: Ricky 2018/06/20	DWG NO.: AB0-0045B
CHKD: Ricky 2018/06/20	
APPD:	

SCALE	SHEET	REV.	CUSTOMER DRAWING
1:1	1/1	A	