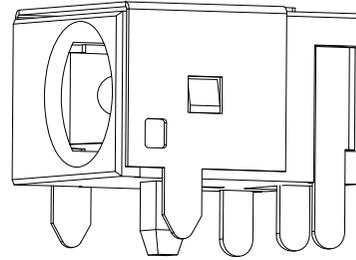
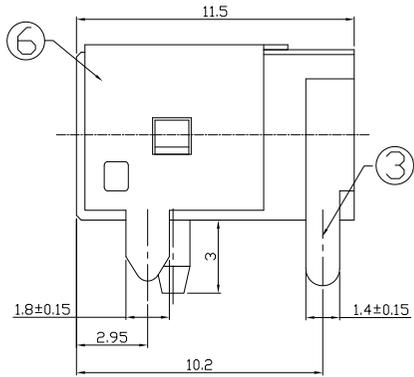
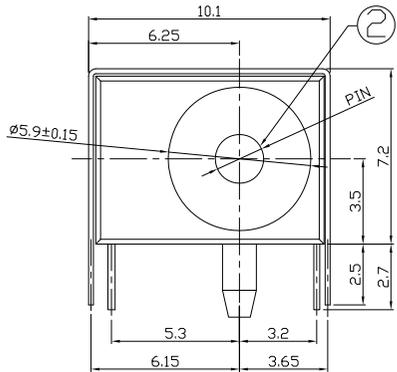




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



MODEL CODE:

DCB0-0044B- A □ PB BK S 0 4

(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:DIP DC POWER JACK.

(2):Series No.

(3):Schematic option: A , B

(4):Center pin diameter:

G=∅1.65 , H=∅2.0 , I=∅2.35 , J=∅2.5

(5):Material of housing:

PB=PBT(Standard) , 9T=PA9T

(6):Housing color:

BK=Black(Only)

(7):Terminal plating

S=Silver(Ag) (Standard)

T=Tin(Sn)

G=Gold(Au)

(8):Special option:

0=No special option

(9):Packing mode:

1=Reel packing

3=Plastic box packing

4=Bag packing

SPECIFICATION:

1.Rating : DC 30V 0.5A;

2.Contact resistance: ≤30mΩ;
After test:≤50mΩ

3.Insulation resistance: ≥100MΩ (DC500V);
After test:≥50MΩ

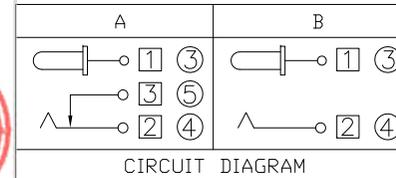
4.Withstand voltage: 500VAC ;

5.Insertion and extraction force: 3-30N;

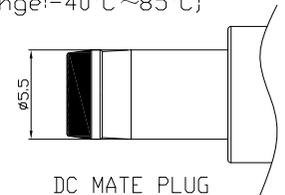
6.life test: 5,000 cycles;

7.Operation temperature range:-20°C~70°C;

8.Preservative temperature range:-40°C~85°C;

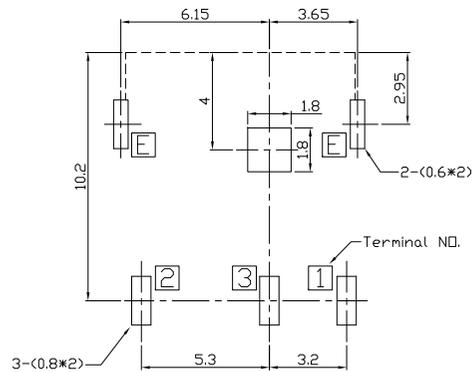


CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	G	H	I	J
CENTER PIN	∅1.65	∅2.0	∅2.35	∅2.5



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

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Earth terminal	Brass	1	Cu-Ni-Plating	±0.3	±2°	mm
⑤	Shunt terminal	Brass	1	Ni-Ag-Plating			MAT'L
④	Tip spring	Phosphor bronze	1	Ni-Ag-Plating			SEE NOTE
③	Center pin terminal	Brass	1	Ni-Ag-Plating			FINISH
②	Center pin	Brass	1	Cu-Sn-Plating			SEE NOTE
①	Housing	PBT/PA9T	1				Q'TY

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东莞市铀高电子制品有限公司			
TITLE: DIP DC POWER JACK		PART NO.: DCB0-0044B	
DR: Ricky 2019/04/29		DWG NO.: AB0-0044B	
CHKD: Ricky 2019/04/29		SCALE: 1:1	SHEET: 1/1
APPD:		REV.: A	CUSTOMER DRAWING