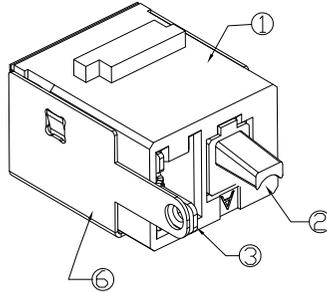
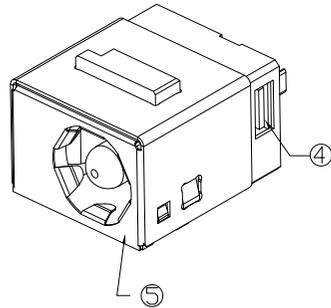
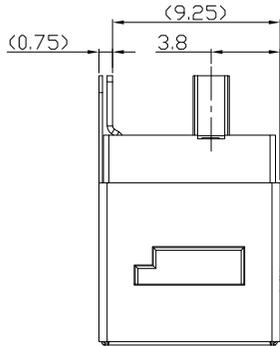




RoHS  
Compliant  
2002/95/EC

REV.	ECN.	NO.	APPD.

### DIMENSIONS



### MODEL CODE:

DCB0-0167A- B □ PB BK S 0 4

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

(1):Series type:DC POWER JACK.

(2):Series No.

(3):Schematic option: B

(4):Center pin diameter:

G=∅1.65 , H=∅2.0 , J=∅2.5

(5):Material of housing:

10=PA10T , PB=PBT

(6):Housing color:

BK=Black

(7):Terminal plating

S=Silver(Ag)

(8):Special option:

0= Ni Plating for Center Pin(RoHS)

1= CuSn Plating for Center Pin(RoHS)

H= Ni Plating for Center Pin,Housing is Halogen Free

F= CuSn Plating for Center Pin,Housing is Halogen Free

(9):Packing mode:

4=Bag packing

### SPECIFICATION:

1.Rating : DC 20V 5A;

2.Contact resistance: ≤30mΩ;

After test:≤50mΩ

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

After test:≥50MΩ

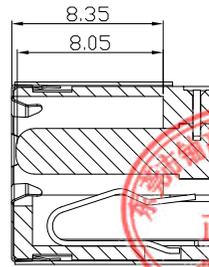
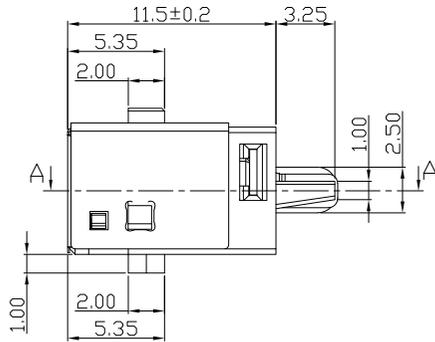
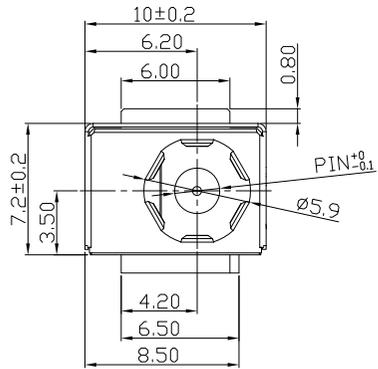
4.Withstand voltage: 500VAC;

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

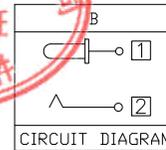
6.life test: 5,000 cycles;

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

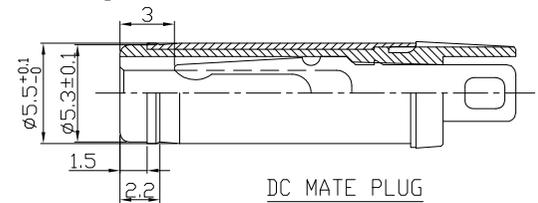
8.preservative temperature range:-40°C~85°C;



SECTION:A-A



CIRCUIT DIAGRAM



DC MATE PLUG

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

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Ground Terminal	Stainless steel	1	Nickel plating			mm
⑤	Shield plate	Stainless steel	1		.X ±0.50	X ±5°	MAT'L
④	Peg	Copper Alloy	1	Tin plating	.XX ±0.30	.X ±3°	SEE NOTE
③	Tip spring ②	Copper Alloy	1	Silver plating	.XXX ±0.15	.XX ±2°	FINISH
②	Center pin ①	Zinc Alloy	1	Ni/CuSn Plating			SEE NOTE
①	Housing	Thermoplastic	1	Black			Q'TY

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<b>东莞市铀高电子制品有限公司</b>			
TITLE: DC POWER JACK		PART NO.: DCB0-0167A	
DR: Ricky 2019/05/06		DWG NO.: AB0-0167A	
CHKD: Ricky 2019/05/06		SCALE: 1:1	SHEET: 1/1
APPD:		REV. A	CUSTOMER DRAWING