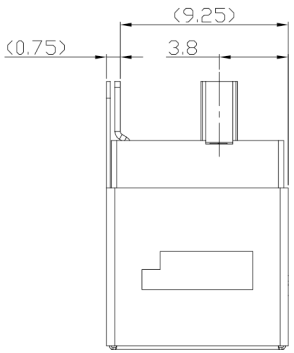
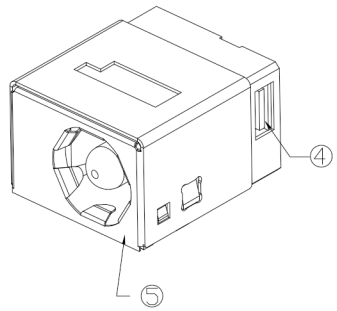
RoHS Compliant 2002/95/EC

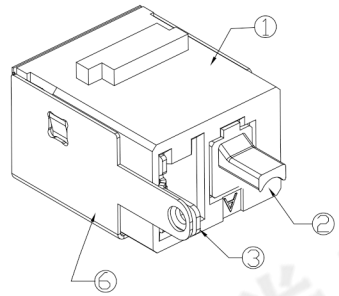
Process Capable

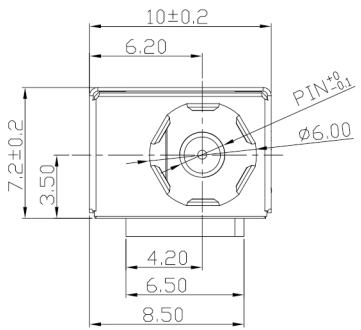
REV.	ECN. NO.	APPD.

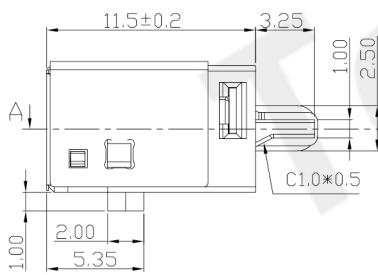
DIMENSIONS

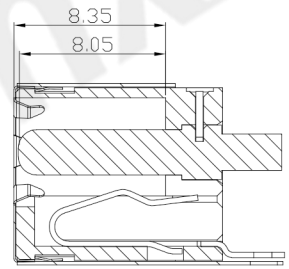












SECTION:A-A

MODEL CODE:

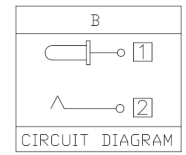
DCB0-0167B- B □ PB BK S 0 4

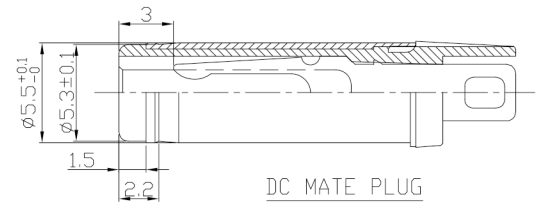
(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:DC POWER JACK.
(2):Series No.
(3):Schematic option: B
(4):Center pin diameter:
G=ø1.65 , H=ø2.0 , J=ø2.5
(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)
(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;





DC MATE PLUG

Model No.	G	H	J
CENTER PIN	ø1.65	ø2.0	ø2.5

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	Ground Terminal	Stainless steel	1	Nickel plating
⑤	Shield plate	Stainless steel	1	
④	Peg	Copper Alloy	1	Tin plating
③	Tip spring [2]	Copper Alloy	1	Silver plating
②	Center pin [1]	Zinc Alloy	1	Ni/CuSn Plating
①	Housing	Thermoplastic	1	Black

TOLERANCE		ANGLES	
.X	±0.50	X	±5°
.XX	±0.30	.X	±3°
.XXX	±0.15	.XX	±2°

UNITS mm

MAT'L SEE NOTE

FINISH SEE NOTE

Q'TY

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东莞市腾兴电子有限公司

TITLE: DC POWER JACK	PART NO.: DCB0-0167B
DR: Ricky 2019/05/06	DWG NO.: AB0-0167B
CHKD: Ricky 2019/05/06	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	