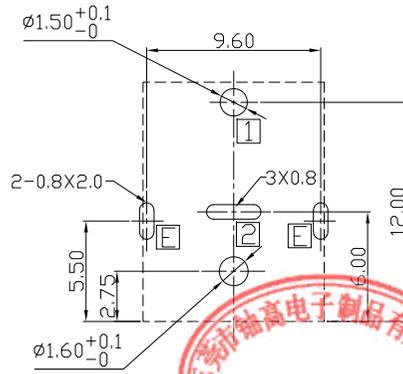
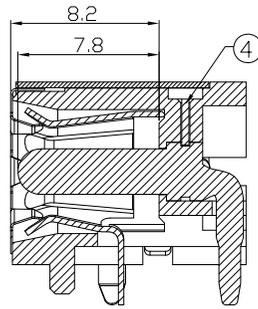
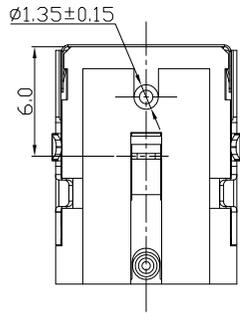
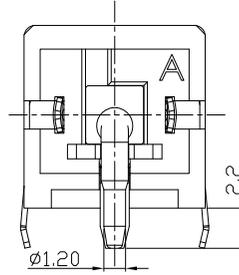
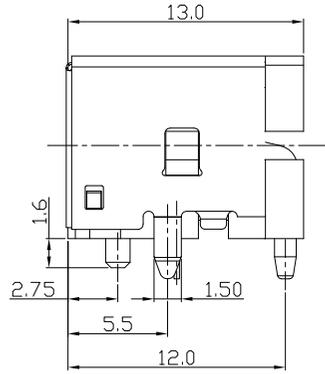
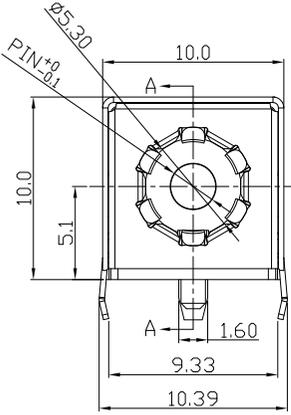




RoHS
Compliant
2002/95/EC

Halogen Free

DIMENSIONS



SECTION A-A
(Long Center pin end is Circle)

RECOMMENDED PCB LAYOUT
UNSPECIFIED TOLERANCE: ±0.05
(TOP VIEW)

MODEL CODE:

DCB0-0146A- B □ 10 BK S 0 1

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

(1):Series type:DIP 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(Standard)

(6):Housing color:

BK=Black, 3C=Orange(157C)

(7):Terminal plating

T=Tin(Sn), S=Silver(Ag), G=Gold(Au)

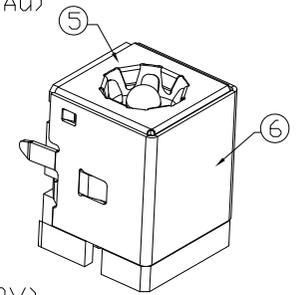
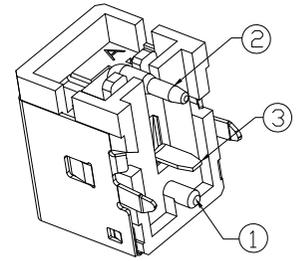
(8):Special option:

0=No Special Option

(9):Packing mode:

1=Reel packing

3=Plastic box packing



SPECIFICATION:

1.Rating : DC 20V 4A;

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

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

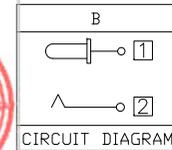
4.Withstand voltage: 500VAC;

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

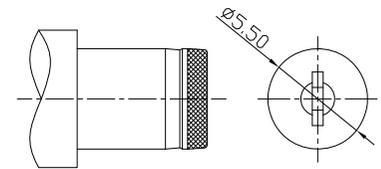
6.life test: 5,000 cycles;

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	J
CENTER PIN	1.65	2.0	2.5

○: ITEM NO. □: TERMINAL NO.

⑥	Ground Terminal	□	Copper Alloy	1	Ni plating
⑤	Shield plate		Stainless steel	1	
④	Terminal		Copper Alloy	1	
③	Tip spring	②	Copper Alloy	1	See "Ordering info"
②	Center pin	①	Zn Alloy	1	Long Center pin end is Circle Ni plating
①	Housing		High temp.Thermoplastic	1	Halogen Free, Black
NO.	PARTS		MATERIAL	Q'TY	FINISHING

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

东莞市铀高电子制品有限公司			
TITLE: DIP DC POWER JACK		PART NO.: DCB0-0146A	
DR: Ricky 2019/05/03		DWG NO.: AB0-0146A	
CHKD: Ricky 2019/05/03		SCALE	SHEET
APPD:		1:1	1/1
		REV.	CUSTOMER DRAWING
		A	