

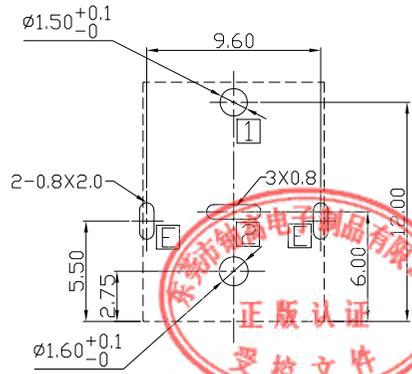
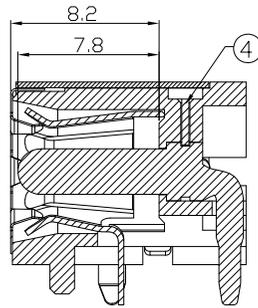
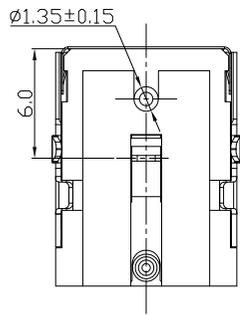
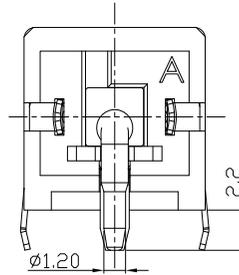
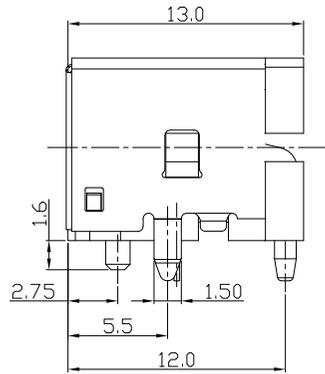
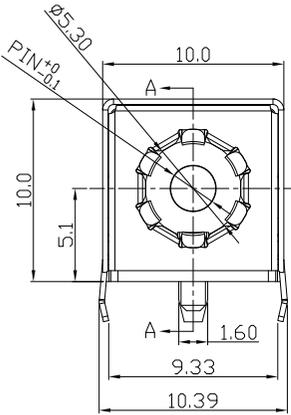


RoHS
Compliant
2002/95/EC

Halogen Free

REV.	ECN.	NO.	APPD.

DIMENSIONS



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

RECOMMENDED P.C.B. 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=φ1.65 , H=φ2.0 , J=φ2.5

(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)

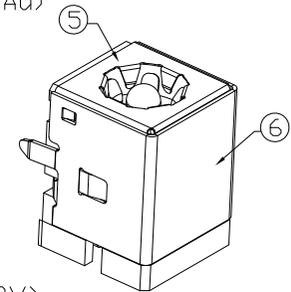
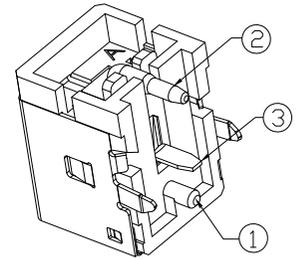
(8):Special option:

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

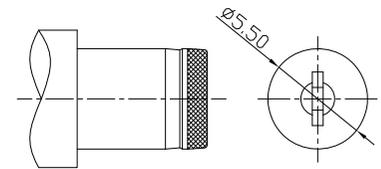
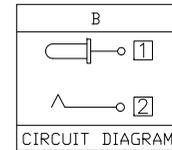
4.Withstand voltage: 500VAC;

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

6.life test: 5,000 cycles;

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

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



Model No.	G	H	J
CENTER PIN	φ1.65	φ2.0	φ2.5

DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

⑥	Ground Terminal	□ E	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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TOLERANCE	ANGLES	UNITS
.X ±0.50	X ±5°	mm
.XX ±0.30	.X ±3°	MAT'L
.XXX ±0.15	.XX ±2°	SEE NOTE
		FINISH
		SEE NOTE
		Q'TY

东莞市铷高电子制品有限公司

TITLE:	DIP DC POWER JACK
DR:	Ricky 2019/05/03
CHKD:	Ricky 2019/05/03
APPD:	

PART NO.:	DCB0-0146A		
DWG NO.:	AB0-0146A		
SCALE	SHEET	REV.	CUSTOMER DRAWING
1:1	1/1	A	