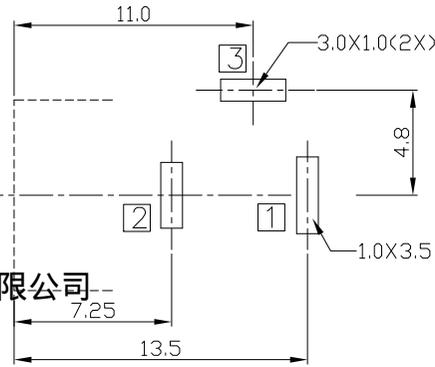
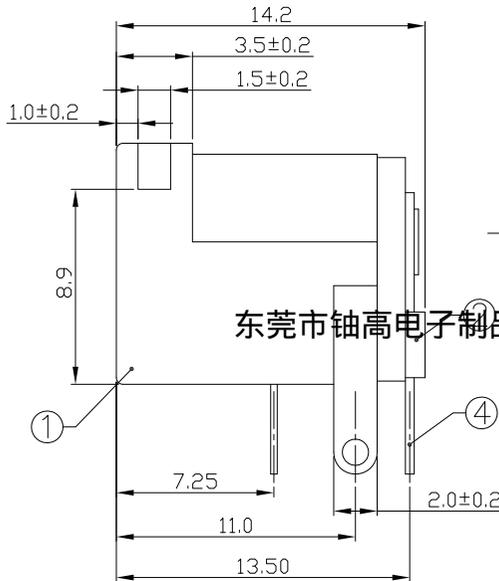
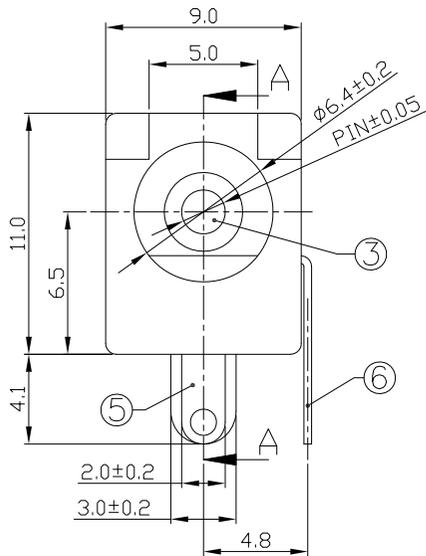




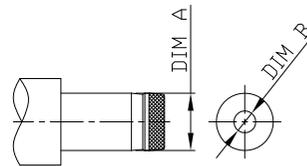
RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

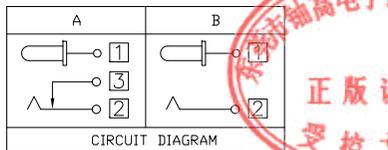
DIMENSIONS



RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(BOTTOM VIEW)



DC MATE PLUG



Model No.	H	I	J
CENTER PIN	φ2.0	φ2.35	φ2.5
DIM A	φ5.5±0.05	φ5.5±0.05	φ5.5±0.05
DIM B	φ2.05 ^{+0.10} _{-0.00}	φ2.40 ^{+0.10} _{-0.00}	φ2.55 ^{+0.10} _{-0.00}

东莞市铀高电子制品有限公司

MODEL CODE:

DCB0-005BY- A □ PB BK I 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:

H=φ2.0 , I=φ2.35 , J=φ2.5

(5):Material of housing:

PB=PBT

(6):Housing color:

BK=Black

2A=Red(0350)=PBT4815

2R=Red(0046=XH1033)=PBT4815

4H=Yellow(0039=XH1029)=PBT4815

4N=Yellow(0080)=PBT4815

9A=White(0100=XH1013)=PBT4815

(7):Terminal plating

T=Tin(Sn)

(8):Special option:

0=Black cover

(9):Packing mode:

4=Bag packing

Specification:

1.Rating :DC 20V 4A.

2.Contact resistance :≤30mΩ

After test:≤50mΩ

3.Insulation resistance : ≥100MΩ (500VDC).

After test:≥50MΩ

4.Withstanding voltage: 500VAC .

5.Insertion and extraction force: 3N~30N.

6.Life test: 5000cycles min.

7.Operation temperature range:-20℃~70℃.

8.Preservative temperature range:-40℃~85℃.

SECTION A-A

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS						
⑥	Shunt terminal	Brass t=0.35	1	Tin plating			mm						
⑤	Tip spring	Phosphor bronze t=0.30	1	Tin plating	±0.3	±2'	MAT'L						
④	Center pin terminal	Brass t=0.4	1	Tin plating			SEE NOTE	TITLE:		PART NO.:			
③	Center pin	Brass	1	CuSn plating			FINISH	DIP DC POWER JACK		DCB0-005BY			
②	Cover	Thermoplastic	1	See P/N ordering info			SEE NOTE	DR: Ricky 2019/03/05		DWG NO.:			
①	Housing	Thermoplastic	1	See P/N ordering info			Q'TY	CHKD: Ricky 2019/03/05		AB0-005BY			
								APPD:		SCALE	SHEET	REV.	CUSTOMER
										1:1	1/1	A	DRAWING

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