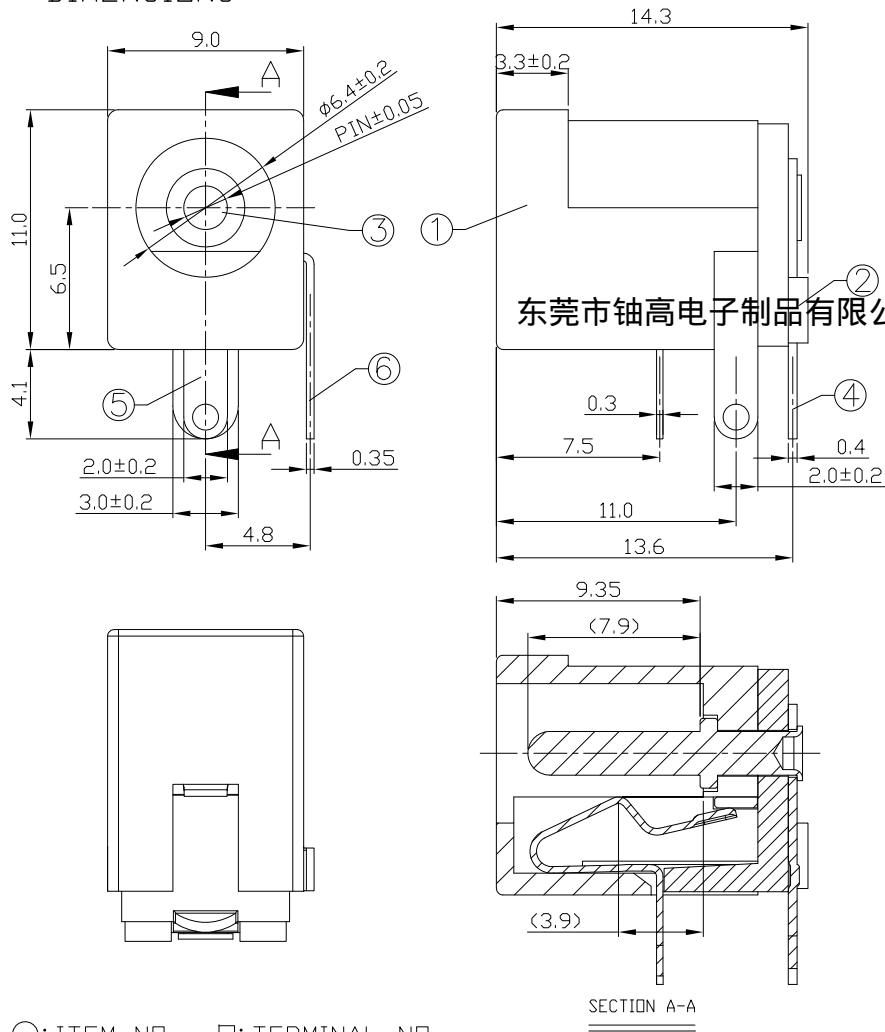


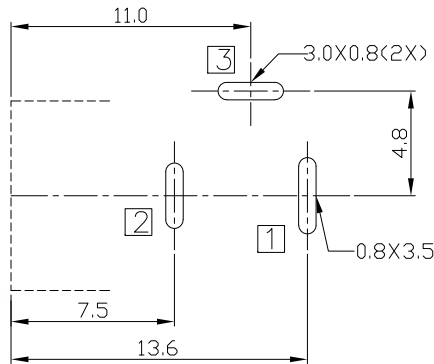


RoHS
Compliant
2002/95/EC

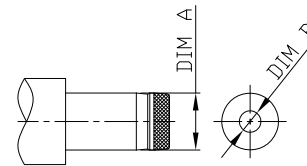
DIMENSIONS



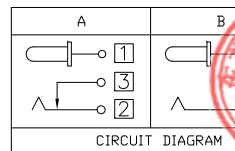
东莞市铀高电子制品有限公司



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



DC MATE PLUG



Model No.	H	I	J
CENTER PIN	$\phi 2.0$	$\phi 2.35$	$\phi 2.5$
DIM A	$\phi 5.5 \pm 0.05$	$\phi 5.5 \pm 0.05$	$\phi 5.5 \pm 0.05$
DIM B	$\phi 2.05^{+0.10}_{-0.00}$	$\phi 2.40^{+0.10}_{-0.00}$	$\phi 2.55^{+0.10}_{-0.00}$

MODEL CODE:

DCB0-0005Y- 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= $\phi 2.0$, I= $\phi 2.35$, J= $\phi 2.5$

(5):Material of housing:

PB=PBT , 9T=PA9T

(6):Housing color:

BK=Black

4A=Yellow(XH-1163)=PBT4815

4H=Yellow(0039=XH1029)=PBT4815

5I=Green(0274)=PBT4815

5P=Green(0116)=PBT4815

5Z=Green(XH-1200)=PBT4815

6B=Blue(XH-1161)=PBT4815

6C=Blue(XH-1164)=PBT4815

8A=Gray(0292)=PBT4815

8G=Gray(0228)=PBT4815

9A=White(0100=XH1013)=PBT4815

(7):Terminal plating

T=Sn

(8):Special option:

0=Black cover

1=Cover and the housing have the same color.
but cover and housing are black use code "0".

H=Cover and housing are black Halogen Free

(9):Packing mode:

3:Plastic box packing

4=Bag packing

Specification:

1.Rating :DC 20V 4A.

2.Contact resistance : $\leq 30m\Omega$

After test: $\leq 50m\Omega$

3.Insulation resistance : $\geq 100M\Omega$ (500VDC).

After test: $\geq 50M\Omega$

4.Withstanding voltage: 500VAC .

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

6.life test: 5000cycles min.

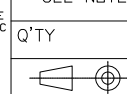
7.Operation temperature range:-20℃~70℃.

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

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS	mm	TITLE:	PART NO.:
⑥	Shunt terminal ③	Brass t=0.35	1	Tin plating					DIP DC POWER JACK	DCB0-0005Y
⑤	Tip spring ②	Phosphor bronze t=0.30	1	Tin plating	± 0.3	$\pm 2^\circ$				
④	Center pin terminal ①	Brass t=0.4	1	Tin plating						
③	Center pin	Brass	1	Ni plating						
②	Cover	Thermoplastic	1	See P/N ordering info						
①	Housing	Thermoplastic	1	See P/N ordering info						
NO.	PARTS	MATERIAL	Q'TY	FINISHING						

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DR: Ricky 2019/03/05
CHKD: Ricky 2019/03/05
APPD:

DWG NO.: AB0-0005Y
SCALE: 1:1
SHEET: 1/1
REV: A
CUSTOMER DRAWING