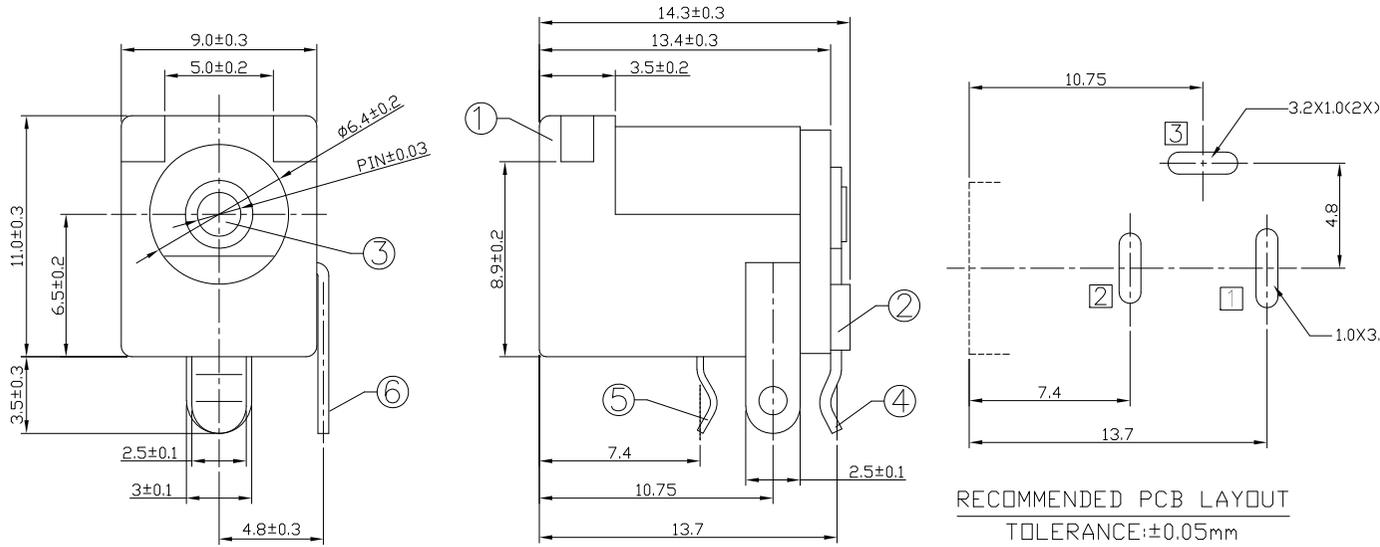




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



RECOMMENDED PCB LAYOUT
TOLERANCE: ± 0.05 mm
(BOTTOM VIEW)

MODEL CODE:

DCB0-0005G- 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 (Standard)

(6):Housing color:

BK=Black , 2R=Red(0046) , 4H=Yellow(0039)

(7):Terminal plating

T=Tin(Sn)

(8):Special option:

0=No special option

(9):Packing mode:

4=Bag packing

Specification:

1.Rating : DC 20V/2.5A.

2.Contact resistance: ≤ 30 m Ω

After test: ≤ 50 m Ω

3.Insulation resistance: ≥ 100 M Ω (500VDC).

After test: ≥ 50 M Ω

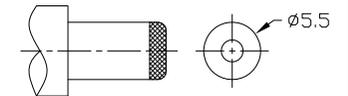
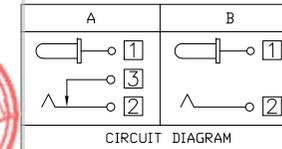
4.Withstanding voltage: 500VAC.

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

6.Life test: 5000 cycles min.

7.Operation temperature range:-20 $^{\circ}$ C~70 $^{\circ}$ C.

8.Preservative temperature range:-40 $^{\circ}$ C~85 $^{\circ}$ C.



DC MATE PLUG

Model No.	H	I	J
CENTER PIN	$\phi 2.0$	$\phi 2.35$	$\phi 2.5$

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Shunt terminal ③	Brass	1	Tin plating			mm
⑤	Tip spring ②	Phosphor bronze	1	Tin plating	± 0.3	$\pm 2^{\circ}$	MAT'L
④	Center pin terminal ①	Brass	1	Tin plating			SEE NOTE
③	Center pin	Brass	1	CuSn plating			FINISH
②	Cover	PBT UL94V-0	1	Black			SEE NOTE
①	Housing	PBT UL94V-0	1	Black			Q'TY

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东莞市铀高电子制品有限公司			
TITLE: DIP DC POWER JACK		PART NO.: DCB0-0005G	
DR: Ricky 2019/03/06		DWG NO.: AB0-0005G	
CHKD: Ricky 2019/03/06		SCALE: 1:1	SHEET: 1/1
APPD:		REV.: A	CUSTOMER DRAWING