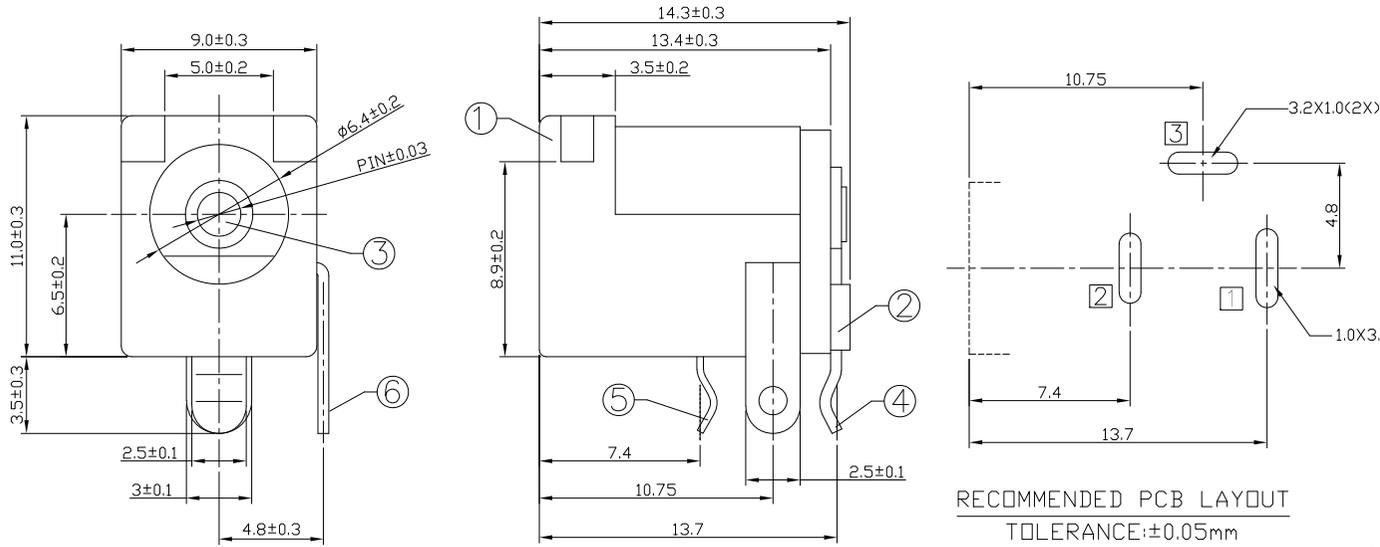




RoHS
Compliant
2002/95/EC

| 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

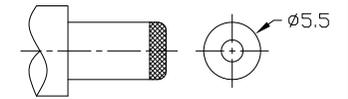
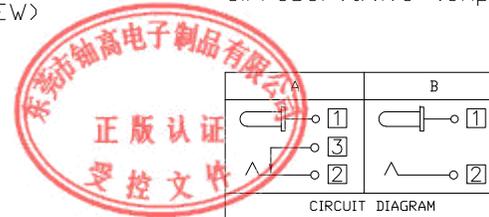
4.Withstanding voltage: 500VAC.

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 | SHEET |
| APPD: | | 1:1 | 1/1 |
| | | REV. | CUSTOMER DRAWING |
| | | A | |