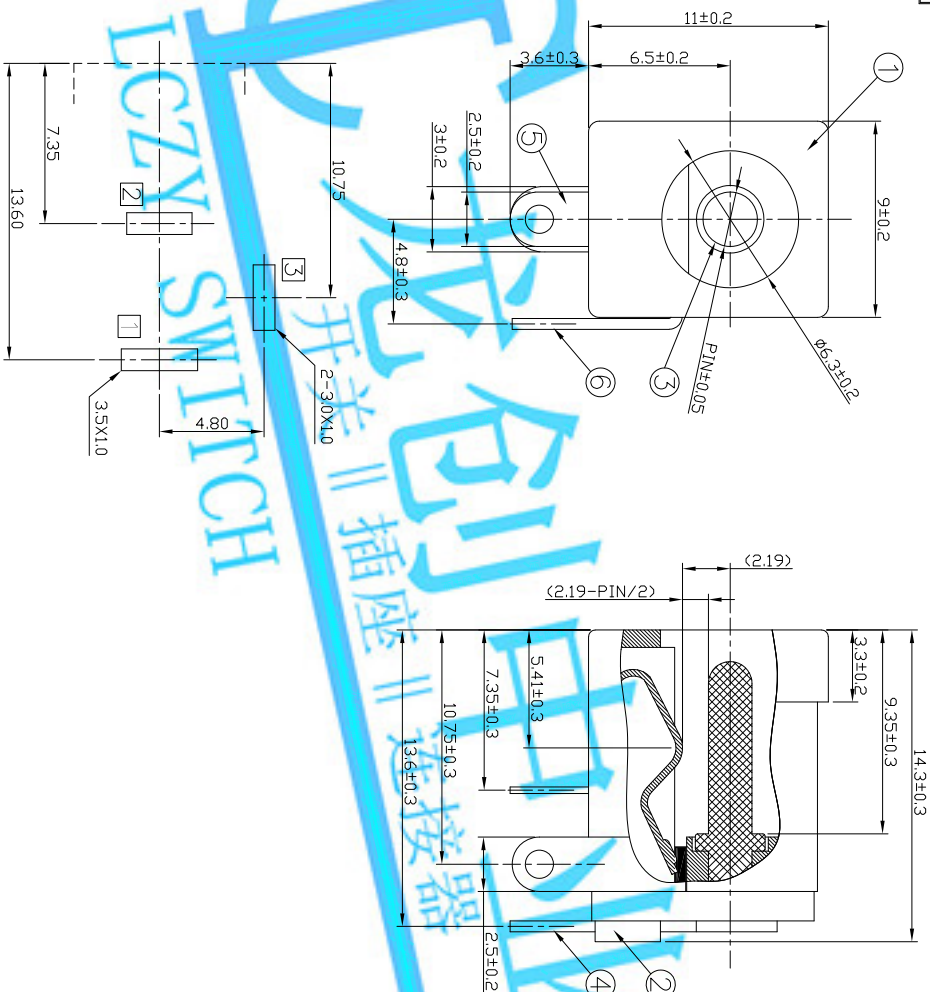


DIMENSIONS



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

LONGCHUANG ZHONGYE (HK)CO.,LIMITED									
TITLE:			PART NO.:						
DIP DC POWER JACK			DCB0-0005E						
DR: Ricky 2019/03/06			DWG NO.: ABO-0005E						
CHKD: Ricky 2019/03/06			SCALE		SHEET		REV.		CUSTOMER DRAWING
APPD:			1:1		1/1		A		
									
⑥	Shunt terminal ③	Brass t=0.5mm	1	Tin plating	TOLERANCE	ANGLES	UNITS	mm	
⑤	Tip spring ②	Phosphor bronze t=0.3mm	1	Tin plating	±0.3	±2°	MAT'L	SEE NOTE	
④	Center pin terminal ①	Brass t=0.5mm	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		
ND.	PARTS	MATERIAL	Q'TY	FINISHING					
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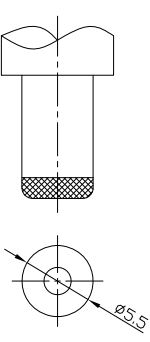
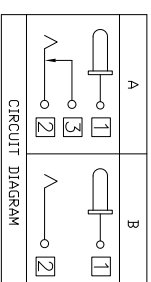
MODEL CODE:

DCBO-0005E- 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:
G=ø1.65 ,H=ø2.0 ,I=ø2.35 ,J=ø2.5
(5):Material of housing:
PB=PBT (Standard)
(6):Housing color:
BK=Black
(7):Terminal plating
T=Tin(Sn)
(8):Special option:
0=No special option
(9):Packing mode:
4=Bag packing
```

Specification:

- 1.Rating: DC 48V/15A.
- 2.Contact resistance:  $\leq 30\text{m}\Omega$   
After test: $\leq 50\text{m}\Omega$
- 3.Insulation resistance:  $\geq 100\text{M}\Omega$  (500VDC),  
After test: $\geq 50\text{M}\Omega$
- 4.Withstanding voltage: 500VAC.
- 5.Insertion and extraction force: 3N~30N.
- 6.Life test: 5000 cycles min.
- 7.Operation temperature range:-20℃~70℃.
- 8.Preservative temperature range:-40℃~85℃.



|            |       |      |       |      |
|------------|-------|------|-------|------|
| Model No.  | G     | H    | I     | J    |
| CENTER PIN | Ø1.65 | Ø2.0 | Ø2.35 | Ø2.5 |

LONGCHUANG ZHONGYE (HK) CO., LIMITED

|                   |            |
|-------------------|------------|
| DIP DC POWER JACK | DCB0-0005E |
|-------------------|------------|

|                         |           |
|-------------------------|-----------|
| DR:                     | DWG NO.:  |
| <i>Ricky</i> 2019/03/06 | AB0-0005E |
| CHKD:                   |           |

|                                                                                    |       |       |     |       |      |                     |
|------------------------------------------------------------------------------------|-------|-------|-----|-------|------|---------------------|
|  | APPD: | SCALE |     | SHEET | REV. | CUSTOMER<br>DRAWING |
|                                                                                    |       | 1:1   | 1/1 | A     |      |                     |