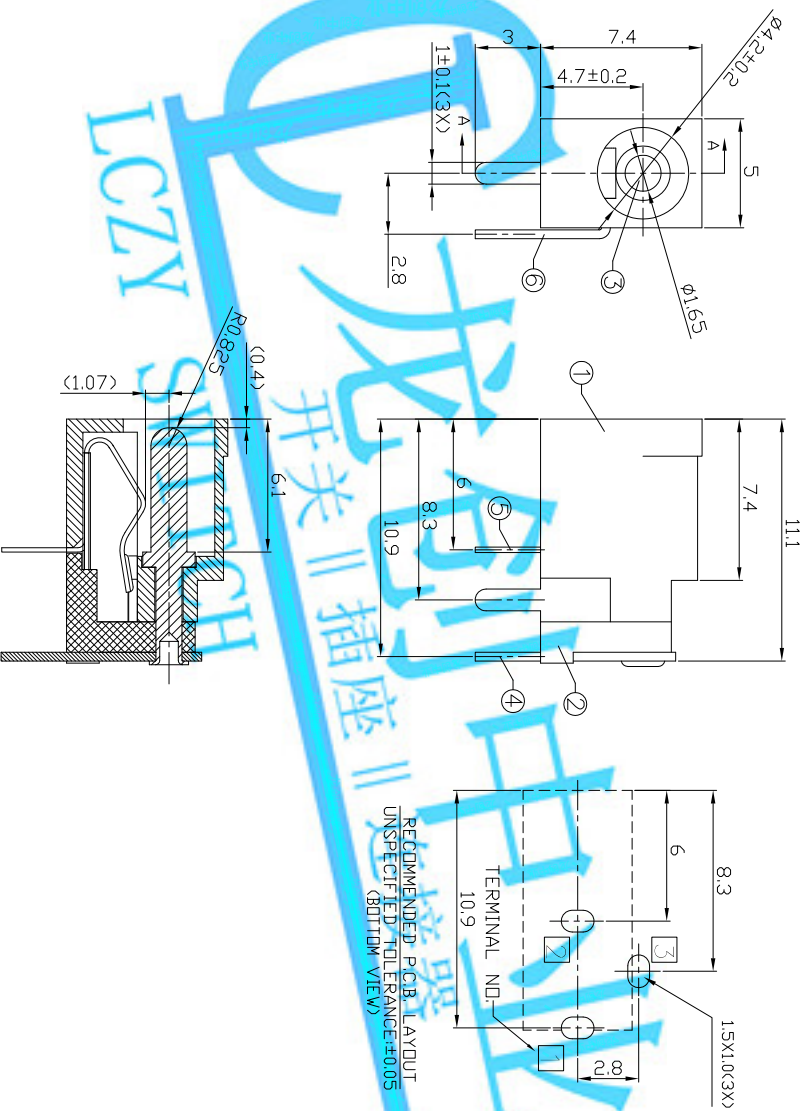


DIMENSIONS



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

MODEL CODE:

DCBO-0002D- A G PB BK S 0 4

(1) (2) (3) (4) (5) (6) (7) (8)

(1):Series type:DIP DC POWER JACK.

(2) Series No.

(3): Schematic option: A, B

(4):Center pin diameter:

 $G=\varnothing 1,65$

(5):Material of housing:

$$PB=PB^T, \quad 46=PA46$$

<6>:Housing color:

BK=Black (Standard)

<7>:Terminal plating

$S = \text{Silver}(\text{Ag})$

(8):Special option:

0=No special option

(9):Packing mode:

4=Bag packing

Specification:

Rating : DC 12V 2A.

2. Contact resistance: $\leq 30\text{m}\Omega$

After test: $\leq 50\text{m}\Omega$

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

After test: $\geq 50\text{M}\Omega$

4. Withstanding voltage: 500VAC.

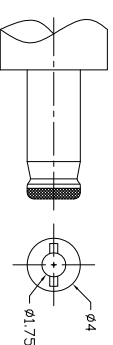
5. Insertion and extraction force: $3\text{N} \sim 30\text{N}$

6. life test: 5000cycles min.

Operating temperature range:-20°C~70°C

8. Preservative temperature range: -40°C ~ 85°C

A	B
CIRCUIT DIAGRAM	



O: ITEM NO. □: TERMINAL NO.									
⑥	Shunt terminal ③	Brass t=0.4	1	Silver Plating	TOLERANCE	ANGLES	UNITS	LONGCHUANG ZHONGYE (HK)CO.,LIMITED TITLE: DIP DC POWER JACK PART NO.: DCB0-0002D DWG NO.: AB0-0002D SCALE SHEET REV. 1:1 1/1 A CUSTOMER DRAWING	
⑤	Tip spring ②	Stainless steel t=0.2	1	Silver Plating	±0.3	±2°	MATL		
④	Center pin terminal ①	Brass t=0.4	1	Silver Plating	SEE NOTE		SEE NOTE		
③	Center pin ①	Brass	1	CuSn/Nickel plating	FINISH		FINISH		
②	Cover	PBT/PA46,UL 94V-0	1	Black	SEE NOTE		SEE NOTE		
①	Housing	PBT/PA46,UL 94V-0	1	Black	Q'TY		Q'TY		
ND.	PARTS	MATERIAL	Q'TY	FINISHING			APPD:		
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