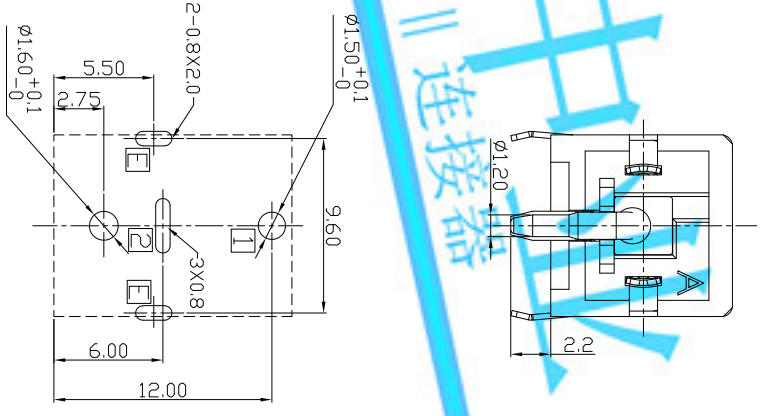
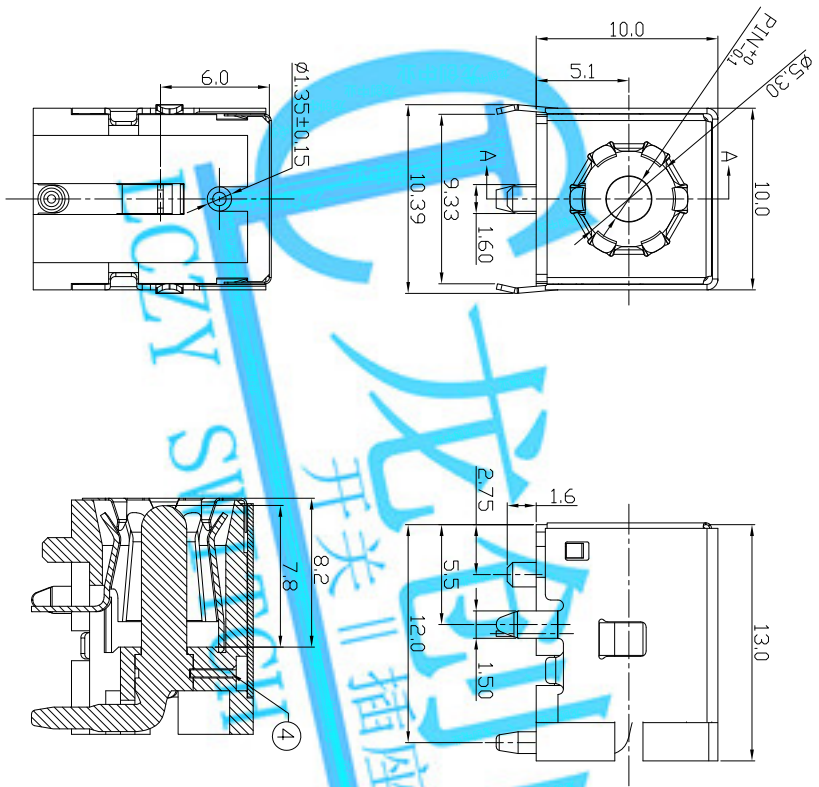


DIMENSIONS



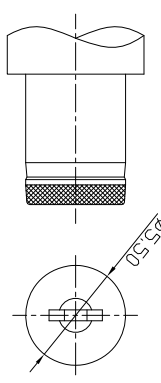
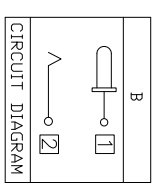
SECTION A-A
(Long Center pin end is Circle)

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

MODEL CODE:
DCB0-0146A- B □ 10 BK S 0. 1
(1) Series type: DIP DC POWER JACK.
(2) Series No.
(3) Schematic option: B
(4) Center pin diameter:
G= $\phi 1.65$, H= $\phi 2.0$, J= $\phi 2.5$
(5) Material of housing:
10=PA10T(Standard)
(6) Housing color:
BK=Black, 3C=Orange(157C)
(7) Terminal plating
T=Ti(Sn), S=Silver(Ag), G=Gold(Au)
(8) Special option:
0=No Special Option
(9) Packing mode:
1=Reel packing
3=Plastic box packing

SPECIFICATION:

- 1.Rating : DC 20V 4A;
- 2.Contact resistance: $\leq 30m\Omega$;
- 3. Insulation resistance: $\geq 100M\Omega$ (DC500V);
After test: $\geq 50M\Omega$
- 4. Withstand voltage: 500VAC;
- 5. Insertion and extraction force: 3-30N;
- 6. Life test: 5,000 cycles;
- 7. Operation temperature range: $-20^{\circ}C \sim 70^{\circ}C$;
- 8. Preservative temperature range: $-40^{\circ}C \sim 85^{\circ}C$;



Model No.	G	H	J
CENTER PIN	$\phi 1.65$	$\phi 2.0$	$\phi 2.5$

DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

ITEM NO.	TERMINAL NO.	MATERIAL	Q'TY	FINISHING
⑥	Ground Terminal	Copper Alloy	1	Ni plating
⑤	Shield plate	Stainless steel	1	
④	Terminal	Copper Alloy	1	
③	Tip spring	Copper Alloy	1	See "Ordering info"
②	Center pin	Zn Alloy	1	Long Center pin end is Circle Ni plating
①	Housing	High temp. Thermoplastic	1	Halogen Free, Black
ND.	PARTS			

TOLERANCE	ANGLES	UNITS	mm
.X ± 0.50	X $\pm 5^{\circ}$	MAT'L	SEE NOTE
.XX ± 0.30	X $\pm 3^{\circ}$	FINISH	SEE NOTE
.XXX ± 0.15	.XX $\pm 2^{\circ}$	DR:	2019/05/03
		CHKD:	2019/05/03
		APPD:	

LONGCHUANG ZHONGYE (HK) CO., LIMITED

DIP DC POWER JACK

PART NO.: DCB0-0146A

DWG NO.: AB0-0146A

SCALE: 1:1

SHEET: 1/1

REV. A

CUSTOMER DRAWING