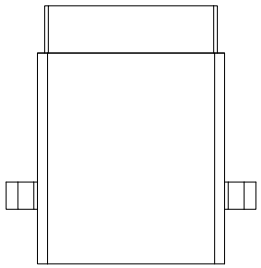
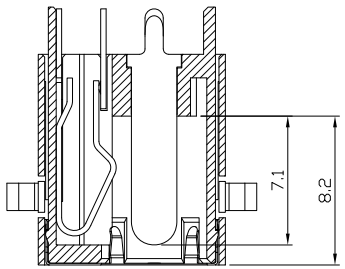
Pb Process Capable

RoHS Compliant 2002/95/EC

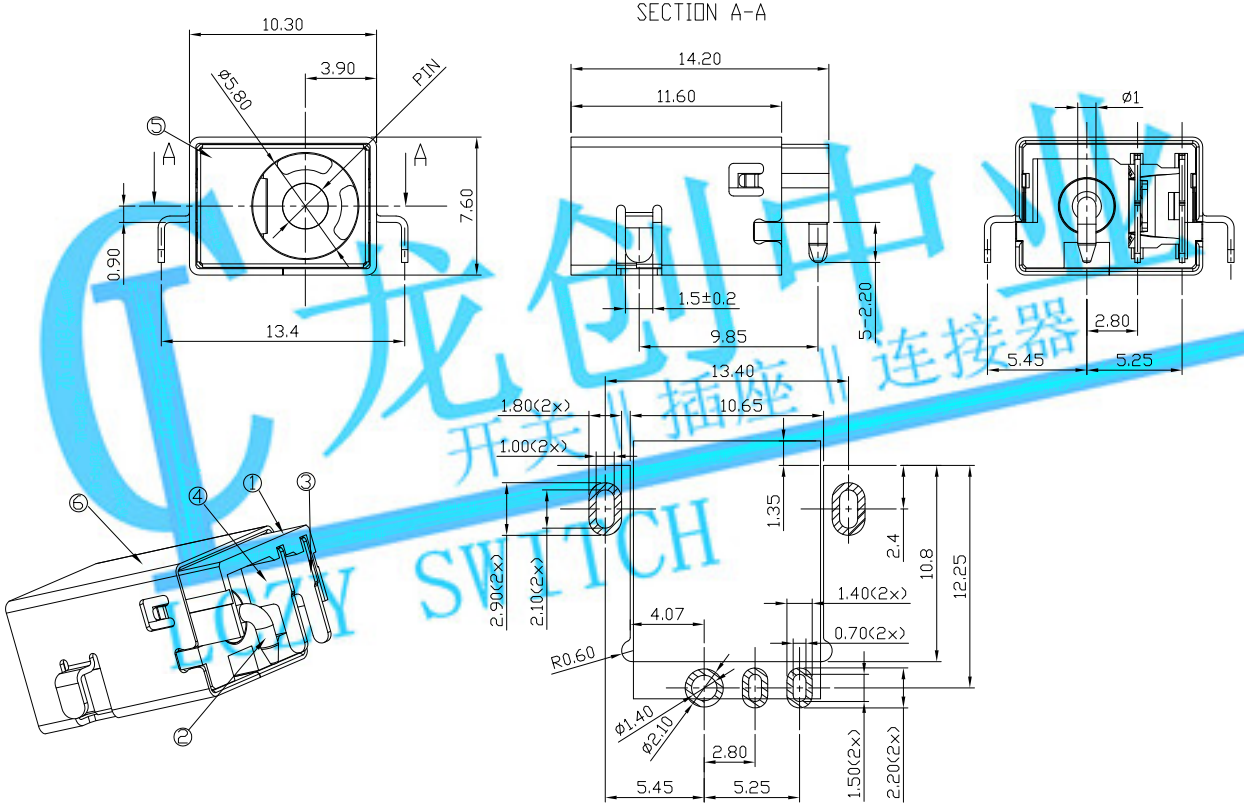
REV.	ECN. NO.	APPD.

DIMENSIONS





SECTION A-A



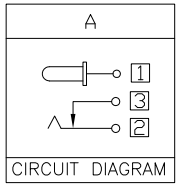
RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(TOP VIEW)

○: ITEM NO. □: TERMINAL NO.

MODEL CODE:
DCB0-01680- A □ LC BK A 1 1
(1) (2) (3)(4) (5) (6)(7)(8) (9)

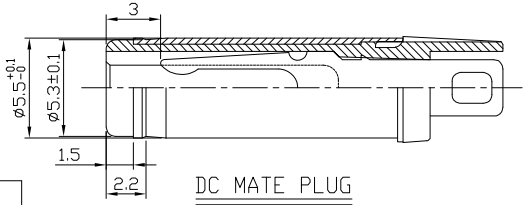
(1):Series type:SMD DC POWER JACK.
(2):Series No.
(3):Schematic option: A
(4):Center pin diameter:
H=ø2.0, J=ø2.5
(5):Material of housing:
LC=LCP(Standard)
(6):Housing color:
BK=Black
(7):Terminal plating:
S=Silver(Ag 8u")
A=Silver(Ag 20u")
(8):Special option:
0=Center Pin with Nickel plating
1=Center Pin with Gold plating
(9):Packing mode:
1=Reel packing

Specification:
1.Rating : DC 20V 7A.
2.Contact resistance: ≤30mΩ
After test:≤50mΩ
3.Insulation resistance: ≥100MΩ (500VDC).
After test:≥50MΩ
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℃



CIRCUIT DIAGRAM

Model No.	H	J
CENTER PIN	ø2.0	ø2.5



DC MATE PLUG

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	SHELL	Copper alloy	1	Nickel plating
⑤	Grounding	Stainless Steel	1	
④	Shunt terminal 3	Copper alloy	1	Silver plating
③	Tip spring 2	Copper alloy	1	Silver plating
②	pin 1	Copper alloy	1	Nickel plating/Gold plating
①	Housing	High-temp Thermoplastic	1	Black halogen free

TOLERANCE	ANGLES
±0.3	±2°

UNITS mm
MAT'L SEE NOTE
FINISH SEE NOTE
Q'TY

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LONGCHUANG ZHONGYE (HK)CO.,LIMITED

TITLE: SMD DC POWER JACK	PART NO.: DCB0-01680
DR: Ricky 2018/06/27	DWG NO.: AB0-01680
CHKD: Ricky 2018/06/27	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	

龙创中业 开关插座连接器 LONGCHUANG SWITCH