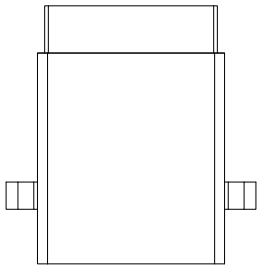
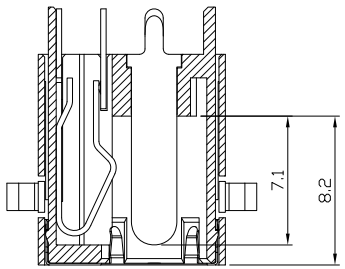
Pb Process Capable

RoHS Compliant 2002/95/EC

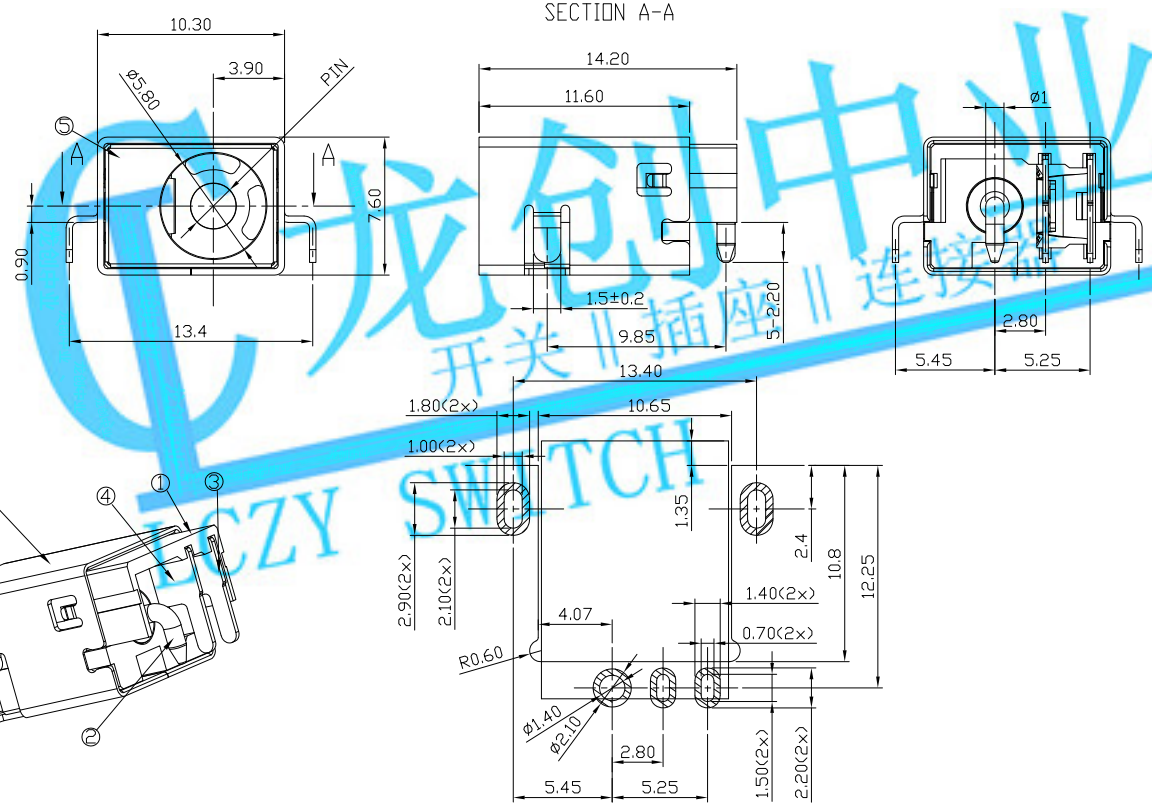
REV.	ECN. NO.	APPD.

DIMENSIONS





SECTION A-A



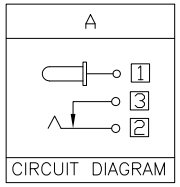
RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(TOP VIEW)

MODEL CODE:

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

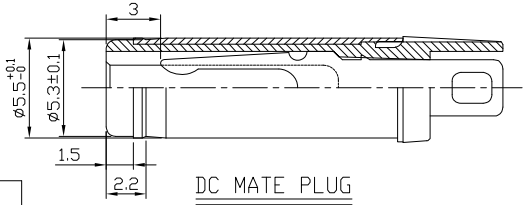
(1):Series type:SMD DC POWER JACK.
(2):Series No.
(3):Schematic option: A
(4):Center pin diameter:
H=ø2.0, J=ø2.5
(5):Material of housing:
LC=LCP(Standard)
(6):Housing color:
BK=Black
(7):Terminal plating:
S=Silver(Ag 8u")
A=Silver(Ag 20u")
(8):Special option:
0=Center Pin with Nickel plating
1=Center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

○: ITEM NO. □: TERMINAL NO.

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

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.

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 LCZY SWITCH