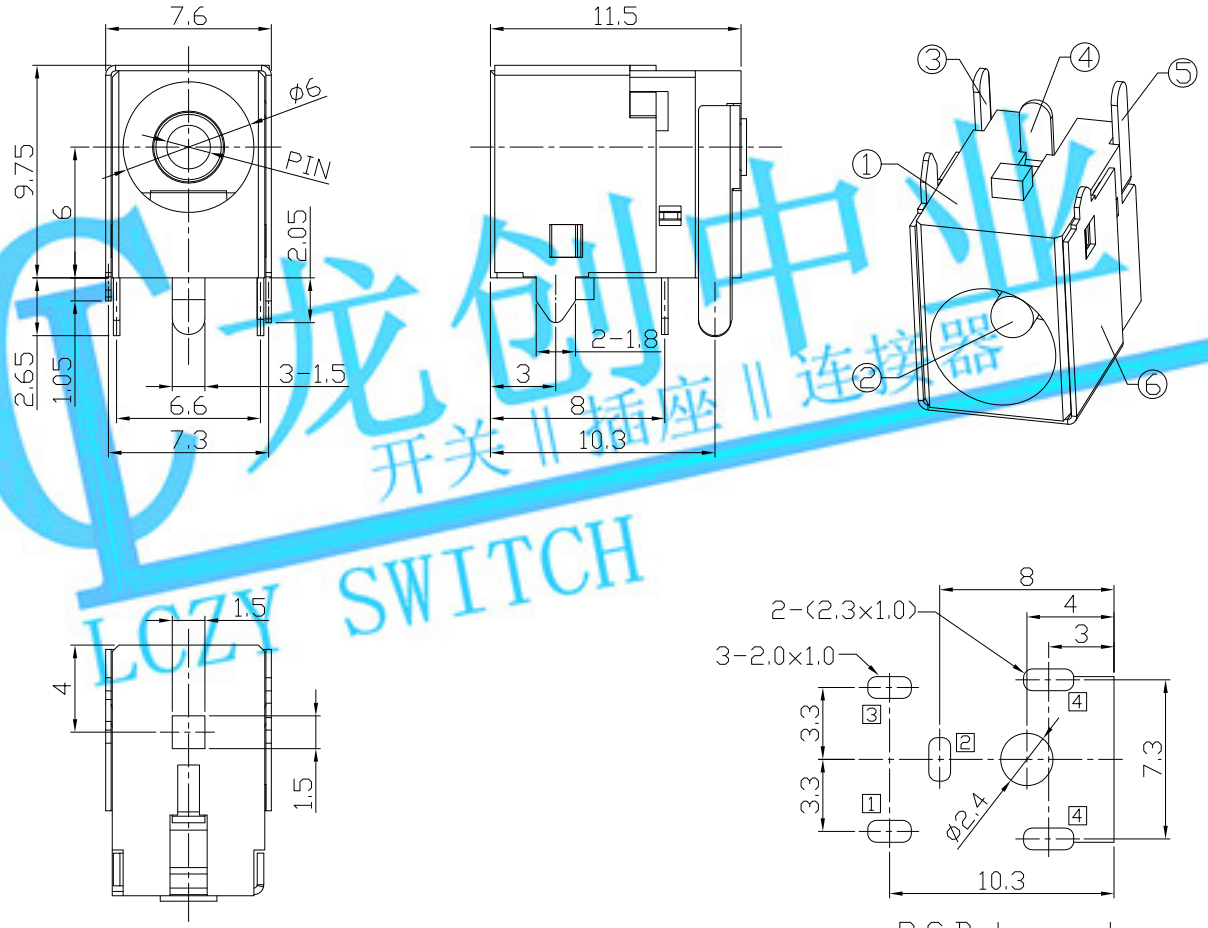
REV.	ECN. NO.	APPD.

RoHS Compliant 2002/95/EC

Process Capable

DIMENSIONS



龙创中业
开关 || 插座 || 连接器
LCZY SWITCH

MODEL CODE:

DCB0-0036A- A □ PB BK S 0 4

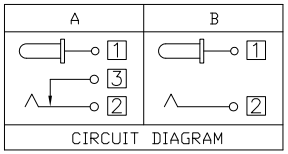
(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:DIP DC POWER JACK.
(2):Series No.
(3):Schematic option: A , B
(4):Center pin diameter:
G=ϕ1.65 , H=ϕ2.0 , I=ϕ2.35 , J=ϕ2.5
(5):Material of housing:
PB=PBT (Standard)
(6):Housing color:
BK=Black
(7):Terminal plating
S=Silver(Ag)
(8):Special option:
0=No special opion
(9):Packing mode:
4=Bag packing

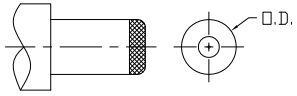
SPECIFICATION:

1.Rating : DC 12V 1A;
2.Contact resistance: ≤30mΩ;
3.Insulation resistance: ≥100MΩ (DC250V);
4.Withstand voltage: 500VAC ;
5.Insertion and extraction force: 3-30N;
6.life test: 5,000 cycles;
7.Operation temperature range:-20°C~70°C;
8.Preservative temperature range:-40°C~85°C;

P.C.B Layout
(Copper-sided view)



CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	G	H	I	J
CENTER PIN	ϕ1.65	ϕ2.0	ϕ2.35	ϕ2.5
DC MATE PLUG	ϕ4.0	ϕ5.5	ϕ5.5	ϕ5.5

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	Shield plate 4	Brass t=0.25	1	Nickel(Ni) Plating
⑤	Shunt terminal 3	Brass t=0.3	1	Silver(Ag) Plating
④	Tip spring 2	SUS301 t=0.3	1	Silver(Ag) Plating
③	Center pin terminal 1	Brass t=0.3	1	Silver(Ag) Plating
②	Center pin 1	Brass	1	Nickel(Ni) Plating
①	Housing	PBT UL94V-0	1	

TOLERANCE	ANGLES
±0.3	±2°

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

LONGCHUANG ZHONGYE (HK)CO.,LIMITED

TITLE: DIP DC POWER JACK	PART NO.: DCB0-0036A
DR: Ricky 2019/04/12	DWG NO.: AB0-0036A
CHKD: Ricky 2019/04/12	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	