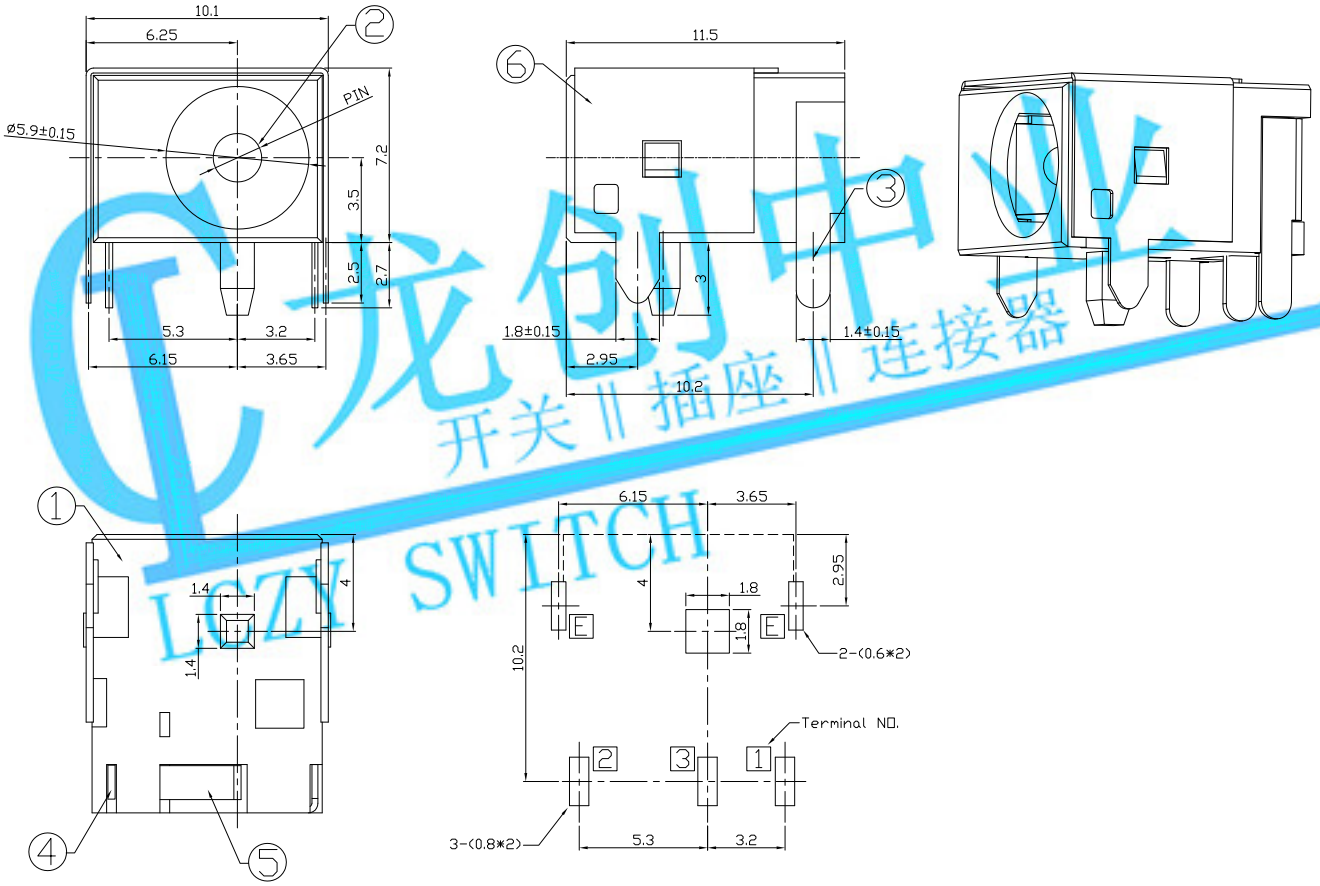
Pb Process Capable

RoHS Compliant 2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



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

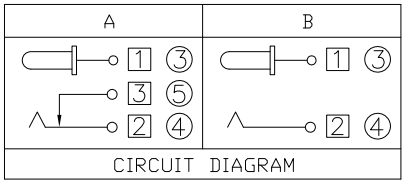
○: ITEM NO. □: TERMINAL NO.

MODEL CODE:

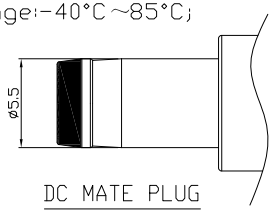
DCB0-0044B- A □ PB BK S 0 4
(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:DIP DC POWER JACK.
(2):Series No.
(3):Schematic option: A , B
(4):Center pin diameter:
G=Ø1.65 , H=Ø2.0 , I=Ø2.35 , J=Ø2.5
(5):Material of housing:
PB=PBT(Standard) , 9T=PA9T
(6):Housing color:
BK=Black(Only)
(7):Terminal plating
S=Silver(Ag) (Standard)
T=Tin(Sn)
G=Gold(Au)
(8):Special option:
0=No special opion
(9):Packing mode:
1=Reel packing
3=Plastic box packing
4=Bag packing

SPECIFICATION:
1.Rating : DC 30V 0.5A;
2.Contact resistance: ≤30mΩ;
After test:≤50mΩ
3.Insulation resistance: ≥100MΩ (DC500V);
After test:≥50MΩ
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;



CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	G	H	I	J
CENTER PIN	Ø1.65	Ø2.0	Ø2.35	Ø2.5

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑥	Earth terminal	Brass	1	Cu-Ni-Plating
⑤	Shunt terminal	Brass	1	Ni-Ag-Plating
④	Tip spring	Phosphor bronze	1	Ni-Ag-Plating
③	Center pin terminal	Brass	1	Ni-Ag-Plating
②	Center pin	Brass	1	Cu-Sn-Plating
①	Housing	PBT/PA9T	1	

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: DIP DC POWER JACK	PART NO.: DCB0-0044B
DR: Ricky 2019/04/29	DWG NO.: AB0-0044B
CHKD: Ricky 2019/04/29	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	

龙创中业 开关 插座 连接器 LCZY SWITCH