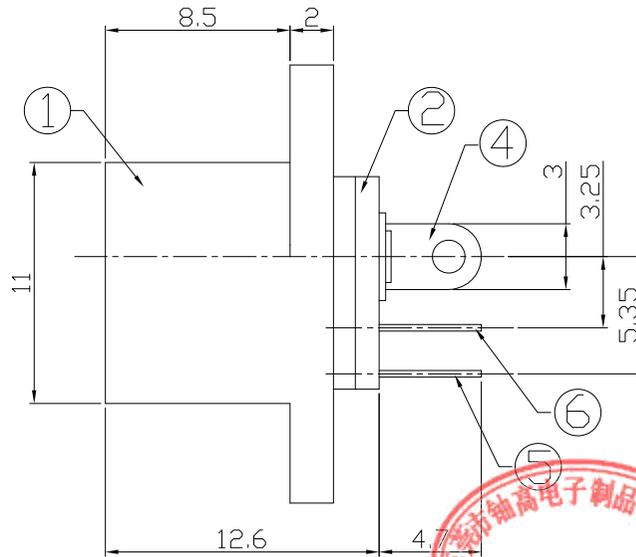
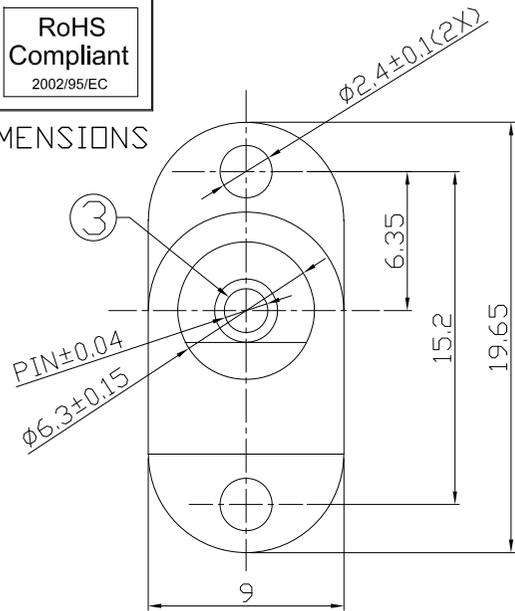




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



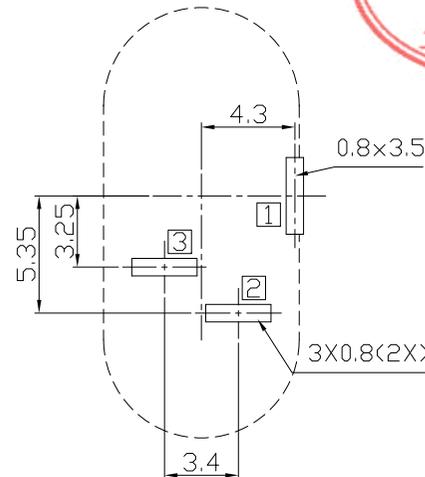
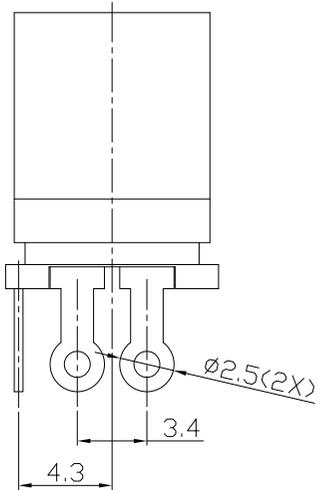
MODEL CODE:

DCB0-00170- A □ PB BK I 0 4

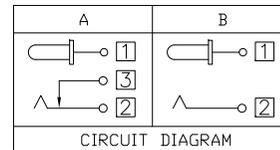
- (1) (2) (3) (4) (5) (6) (7) (8) (9)
 (1):Series type:DIP DC POWER JACK.
 (2):Series No.
 (3):Schematic option: A , B
 (4):Center pin diameter:
 H=φ2.0 , I=φ2.35 , J=φ2.5
 (5):Material of housing:
 PB=PBT
 (6):Housing color:
 BK=Black
 (7):Terminal plating
 T=Tin(Sn)
 (8):Special option:
 0=No special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

SPECIFICATION:

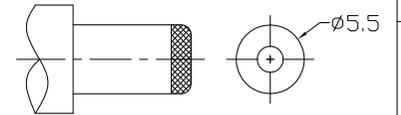
- Rating : DC 20V 3A;
- Contact resistance: ≤50mΩ;
After test:≤100mΩ
- Insulation resistance: ≥100MΩ (DC500V);
After test:≥50MΩ
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles;
- Operation temperature range:-20°C~70°C;
- Preservative temperature range:-25°C~85°C;



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



CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	H	I	J
CENTER PIN	φ2.0	φ2.35	φ2.5

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Shunt terminal ③	Brass t=0.35	1	Tin Plating			mm
⑤	Tip spring ②	Steel alloy t=0.20	1	Tin Plating	±0.3	±2'	MAT'L
④	Center pin terminal ①	Brass t=0.35	1	Tin Plating			SEE NOTE
③	Center pin ①	Brass	1	Copper&tin plating			FINISH
②	Cover	PF	1				SEE NOTE
①	Housing	PBT	1	Black			Q'TY

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东莞市铀高电子制品有限公司			
TITLE: DIP DC POWER JACK		PART NO.: DCB0-00170	
DR: <i>Ricky</i> 2019/04/09		DWG NO.: AB0-00170	
CHKD: <i>Ricky</i> 2019/04/09		SCALE	SHEET
APPD:		1:1	1/1
		REV.	CUSTOMER DRAWING
		A	