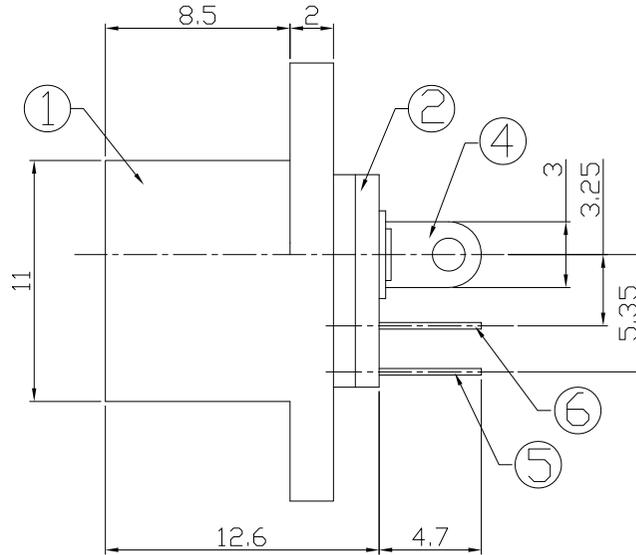
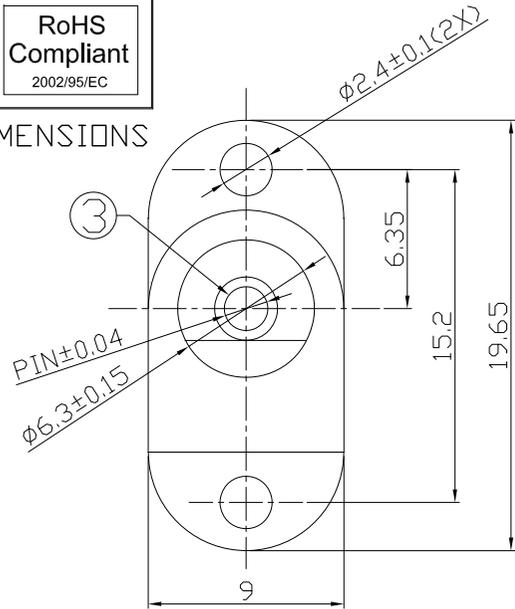




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



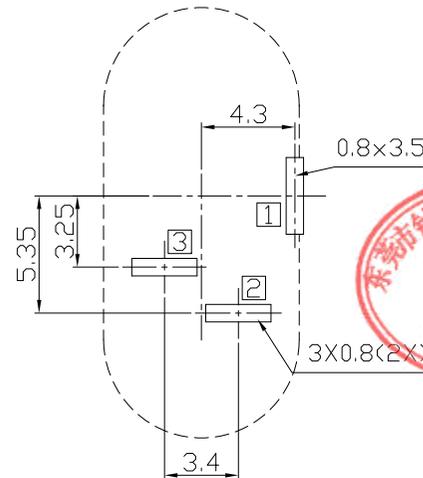
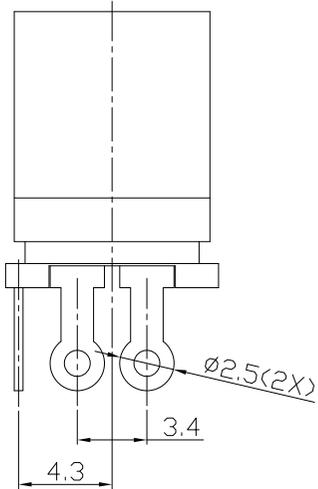
MODEL CODE:

DCB0-00170- A □ PB BK I 0 4

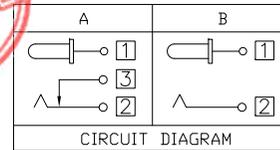
- (1): Series type: DIP DC POWER JACK.
- (2): Series No.
- (3): Schematic option: A , B
- (4): Center pin diameter:
H=φ2.0 , I=φ2.35 , J=φ2.5
- (5): Material of housing:
PB=PBT
- (6): Housing color:
BK=Black
- (7): Terminal plating
T=Tin(Sn)
- (8): Special option:
0=No special option
- (9): Packing mode: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

SPECIFICATION:

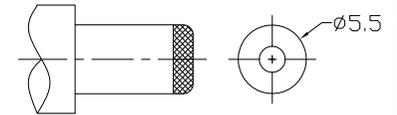
- 1. Rating : DC 20V 3A;
- 2. Contact resistance: ≤50mΩ;
After test: ≤100mΩ
- 3. Insulation resistance: ≥100MΩ (DC500V);
After test: ≥50MΩ
- 4. Withstand voltage: 500VAC ;
- 5. Insertion and extraction force: 3-30N;
- 6. life test: 5,000 cycles;
- 7. Operation temperature range: -20°C~70°C;
- 8. Preservative temperature range: -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: 1:1	SHEET: 1/1
APPD:		REV: A	CUSTOMER DRAWING