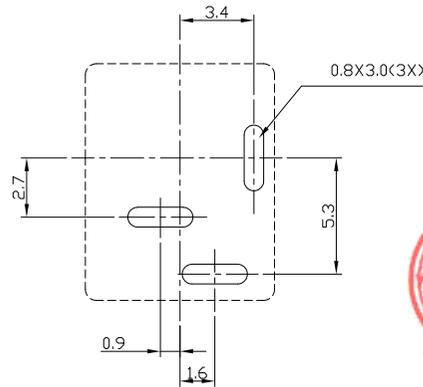
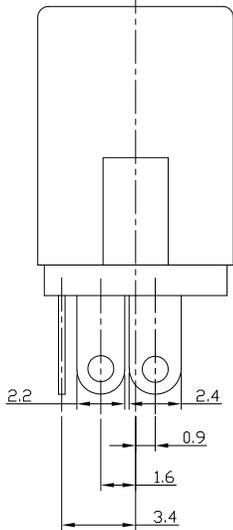
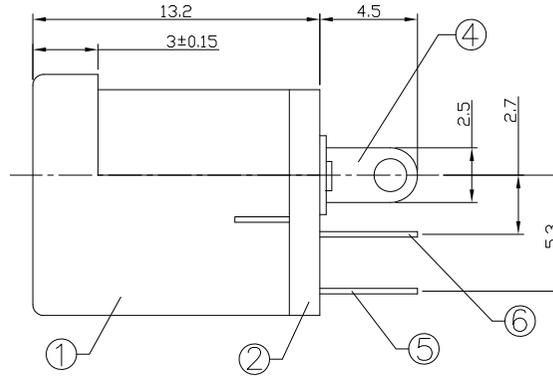
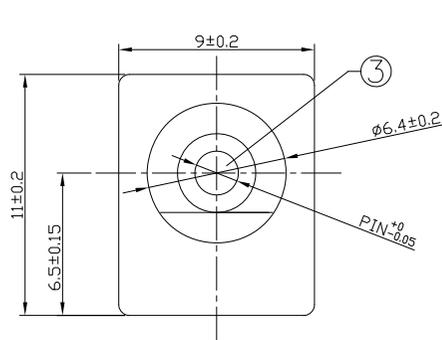




RoHS
Compliant
2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS



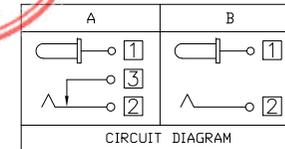
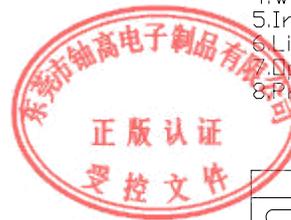
RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm
(BOTTOM VIEW)

MODEL CODE:

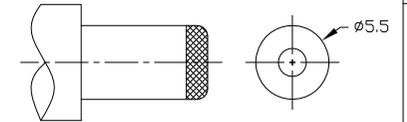
- DCB0-00120- A □ PB BK I 0 4
 (1) (2) (3)(4) (5) (6) (7)(8) (9)
 (1):Series type:DIP DC POWER JACK.
 (2):Series No.
 (3):Schematic option: A , B
 (4):Center pin diameter:
 H=φ2.0 , I=φ2.35 , J=φ2.5
 (5):Material of housing:
 PB=PBT (Standard)
 (6):Housing color:
 BK=Black , 4H=Yellow(0039)
 (7):Terminal plating
 T=Tin(Sn) , S=Silver(Ag)
 (8):Special option:
 0=No special opion
 (9):Packing mode:
 4=Bag packing

Specification:

- Rating : DC 20V/2A.
- Contact resistance: ≤50mΩ
After test: ≤100mΩ
- Insulation resistance: ≥100MΩ (500VDC).
After test: ≥50MΩ
- Withstanding voltage: 500VAC.
- Insertion and extraction force: 3N-30N.
- Life test: 5000 cycles min.
- Operation temperature range: -20°C~70°C.
- Preservative temperature range: -40°C~85°C.



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=0.3	1	Tin plating			mm
⑤	Tip spring ②	Manganese steel t=0.2	1	Tin plating	±0.3	±2'	MAT'L
④	Center pin terminal ①	Brass t=0.3	1	Tin plating			SEE NOTE
③	Center pin ①	Copper alloy	1	CuSn plating			FINISH
②	Cover	PF	1	Brown			SEE NOTE
①	Housing	PBT	1				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.: DCB0-00120	
DR: Ricky 2019/03/07		DWG NO.: AB0-00120	
CHKD: Ricky 2019/03/07		SCALE: 1:1	SHEET: 1/1
APPD:		REV: A	CUSTOMER DRAWING