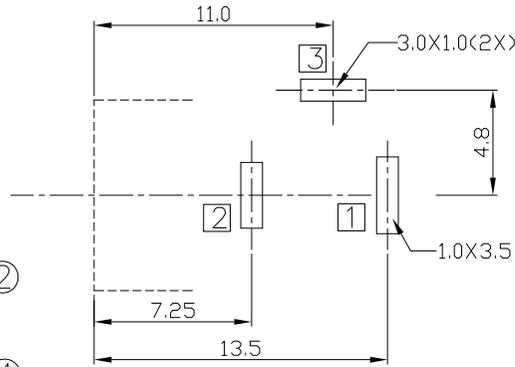
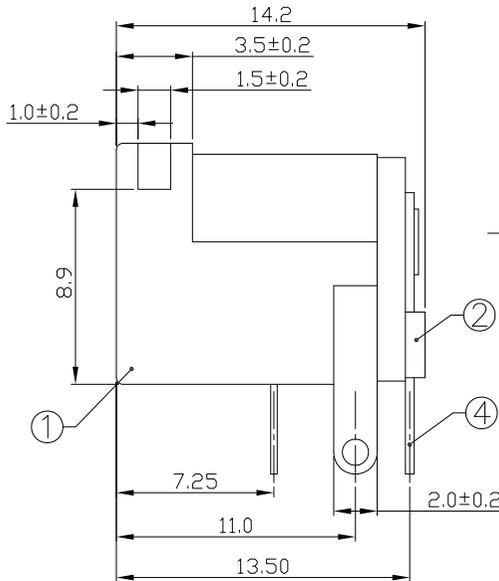
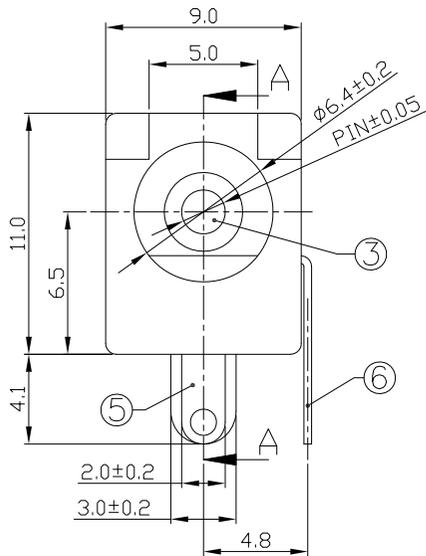




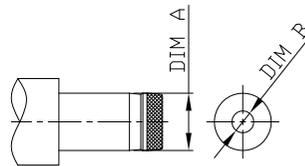
RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

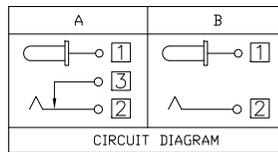
DIMENSIONS



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



DC MATE PLUG



CIRCUIT DIAGRAM

Model No.	H	I	J
CENTER PIN	φ2.0	φ2.35	φ2.5
DIM A	φ5.5±0.05	φ5.5±0.05	φ5.5±0.05
DIM B	φ2.05 ^{+0.10} _{-0.00}	φ2.40 ^{+0.10} _{-0.00}	φ2.55 ^{+0.10} _{-0.00}

MODEL CODE:

DCB0-005BY- 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
2A=Red(0350)=PBT4815
2R=Red(0046=XH1033)=PBT4815
4H=Yellow(0039=XH1029)=PBT4815
4N=Yellow(0080)=PBT4815
9A=White(0100=XH1013)=PBT4815
- (7):Terminal plating
T=Tin(Sn)
- (8):Special option:
0=Black cover
- (9):Packing mode:
4=Bag packing

Specification:

- 1.Rating :DC 20V 4A.
- 2.Contact resistance :≤30mΩ
After test:≤50mΩ
- 3.Insulation resistance : ≥100MΩ (500VDC).
After test:≥50MΩ
- 4.Withstanding voltage: 500VAC .
- 5.Insertion and extraction force: 3N~30N.
- 6.life test: 5000cycles min.
- 7.Operation temperature range:-20℃~70℃.
- 8.Preservative temperature range:-40℃~85℃.

○: ITEM NO. □: TERMINAL NO.

⑥	Shunt terminal ③	Brass t=0.35	1	Tin plating	TOLERANCE	ANGLES	UNITS	<p style="text-align: center;">东莞市铀高电子制品有限公司</p>				
⑤	Tip spring ②	Phosphor bronze t=0.30	1	Tin plating	±0.3	±2°	mm					
④	Center pin terminal ①	Brass t=0.4	1	Tin plating			MAT'L					
③	Center pin	Brass	1	CuSn plating			SEE NOTE					
②	Cover	Thermoplastic	1	See P/N ordering info			FINISH					
①	Housing	Thermoplastic	1	See P/N ordering info			SEE NOTE					
NO.	PARTS	MATERIAL	Q'TY	FINISHING	<p style="font-size: small;">THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNO TECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNO TECH INC.</p>			Q'TY				
								DR: <i>Ricky</i> 2019/03/05	TITLE: DIP DC POWER JACK	PART NO.: DCB0-005BY		
								CHKD: <i>Ricky</i> 2019/03/05	DWG NO.: AB0-005BY			
								APPD:	SCALE: 1:1	SHEET: 1/1	REV: A	CUSTOMER DRAWING