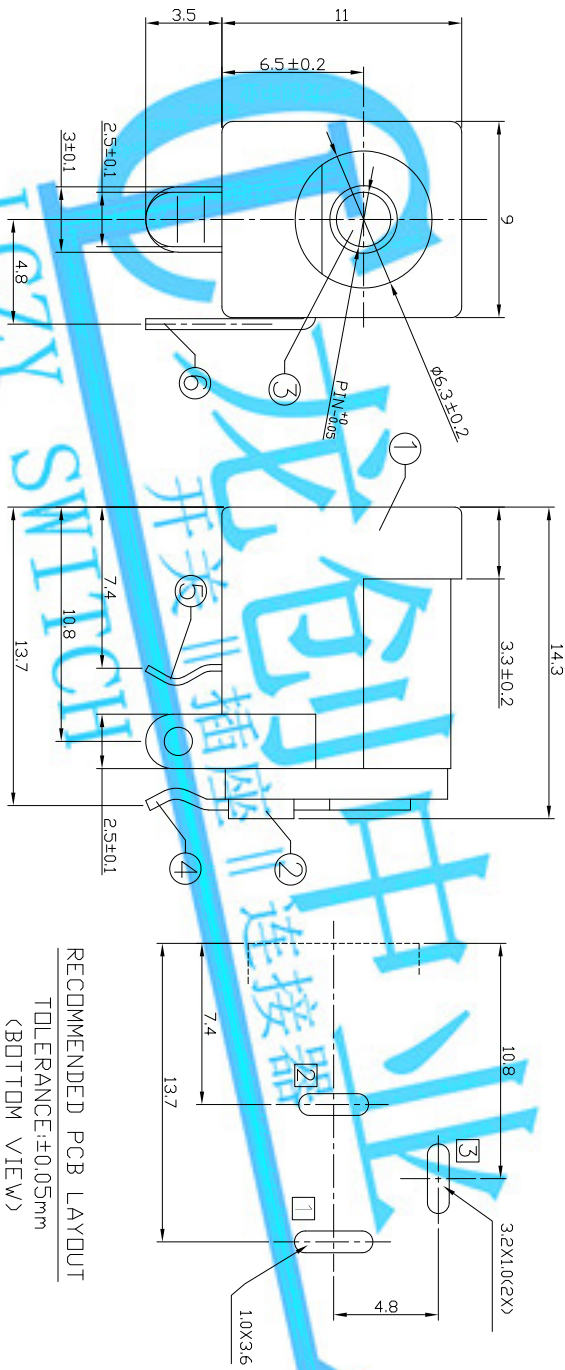


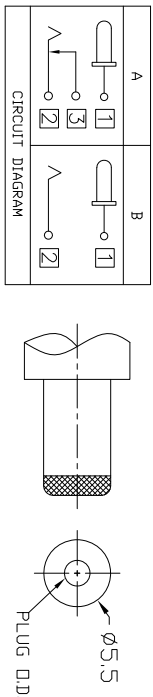
DIMENSIONS



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

MODEL CODE:
DCB0-0005D- 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
SI=Green(0274),SP=Green(0116)
6B=Blue(0037),8A=Gray(0292)
8G=gray(0228),9A=White(0100)
(7):Terminal plating
S=Silver(Ag),T=Tin(Sn)
(8):Special option:
0=No special option
(9):Packing mode:
4=Bag packing

Specification:
1.Rating : DC 20V/2.5A.
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: 5000 cycles min.
7.Operation temperature range:-20℃-70℃.
8.Preservative temperature range:-40℃-85℃.



Model No.	H	I	J
CENTER PIN	φ2.0	φ2.35	φ2.5
PLUG D.D.	φ2.05 ^{+0.10} _{-0.00}	φ2.40 ^{+0.10} _{-0.00}	φ2.55 ^{+0.10} _{-0.00}

DC MATE PLUG

ITEM NO.		TERMINAL NO.			
⑥	Shunt terminal ③	Brass t=0.5mm	1	Silver/Tin plating	
⑤	Tip spring ②	Phosphor bronze t=0.3mm	1	Silver/Tin plating	
④	Center pin terminal ①	Brass t=0.5mm	1	Silver/Tin plating	
③	Center pin ①	Brass	1	CuSn/Nickel plating	
②	Cover	PBT UL94V-0	1	Black	
①	Housing	PBT UL94V-0	1		
ND.	PARTS	MATERIAL	Q'TY	FINISHING	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC. AND SHALL NOT BE REPRODUCED, COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF ACCURATE INNOTECH INC.					
Model No.		H	I	J	
CENTER PIN		φ2.0	φ2.35	φ2.5	
PLUG D.D.		φ2.05 ^{+0.10} _{-0.00}	φ2.40 ^{+0.10} _{-0.00}	φ2.55 ^{+0.10} _{-0.00}	
LONGCHUANG ZHONGYE (HK)CO.,LIMITED					
TITLE:			PART NO.:		
DIP DC POWER JACK			DCB0-0005D		
DR: Ricky 2019/03/06			DWG NO.: AB0-0005D		
CHKD: Ricky 2019/03/06			SCALE SHEET REV. A		
APPD:			CUSTOMER DRAWING		