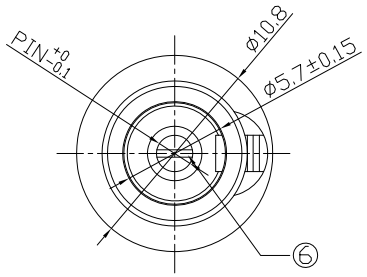
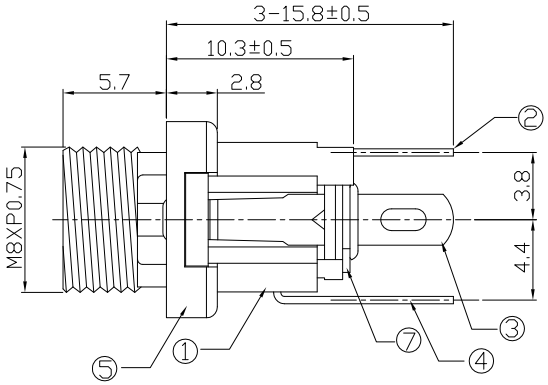
Pb Process Capable

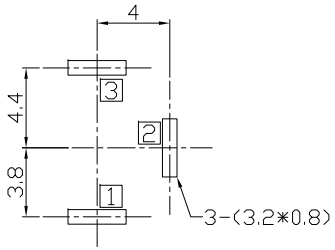
RoHS Compliant 2002/95/EC

REV.	ECN. NO.	APPD.

DIMENSIONS







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

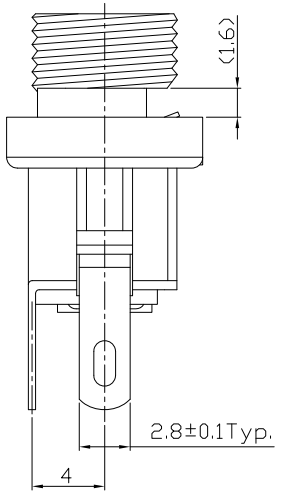
MODEL CODE:

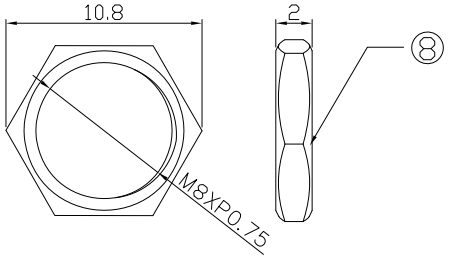
DCB0-0025M- A □ PB BK C 0 4
(1) (2) (3)(4) (5) (6) (7)(8) (9)

(1):Series type:DIP DC POWER JACK.
(2):Series No.
(3):Schematic option: A , B
(4):Center pin diameter:
H=ø2.0 , I=ø2.35 , J=ø2.5
(5):Material of housing:
PB=PBT
(6):Housing color:
BK=Black
(7):Terminal plating
S=Silver(Ag)
T=Tin(Sn)
C=copper&tin alloy plating (Standard)
(8):Special option:
0=No special option
(9):Packing mode:
4=Bag packing

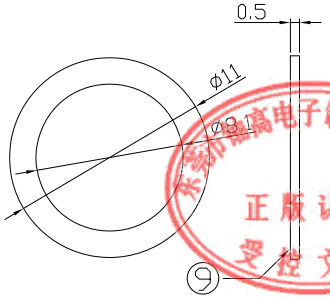
SPECIFICATION:

1.Rating : DC 30V 3A;
2.Contact resistance: ≤50mΩ;
After test:≤50mΩ
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:-40°C~85°C;
9.Torque standard of nut:12 N.m Max.

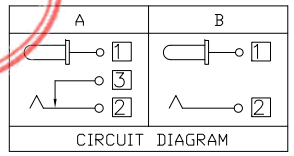




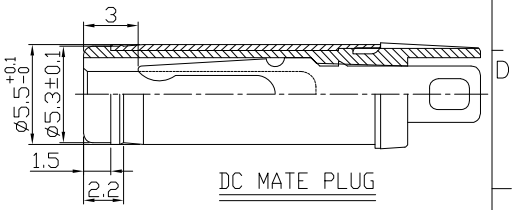
Nut



Washer



CIRCUIT DIAGRAM



DC MATE PLUG

Model No.	H	I	J
CENTER PIN	ø2.0	ø2.35	ø2.5

东莞市铀高电子制品有限公司 正版认证 受控文件

◯: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING
⑨	Washer-2	Spcc	1	Nickel plating
⑧	Nut	Brass	1	Nickel plating
⑦	Washer-1	Bakelite	2	
⑥	Pin	Bronze	1	Nickel plating
⑤	Bushing	Brass	1	Nickel plating
④	Shunt Terminal 3	Brass	1	Copper&tin plating
③	Tip Spring 2	Phosphor bronze	1	Copper&tin plating
②	Center pin terminal 1	Brass	1	Copper&tin plating
①	Housing	PBT	1	Black

TOLERANCE		ANGLES	
.X	±0.38	X	±5°
.XX	±0.30	.X	±3°
.XXX	±0.15	.XX	±2°

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.

UNITS mm
MAT'L SEE NOTE
FINISH SEE NOTE
Q'TY

东莞市铀高电子制品有限公司

TITLE: DIP DC POWER JACK	PART NO.: DCB0-0025M
DR: Ricky 2019/04/10	DWG NO.: AB0-0025M
CHKD: Ricky 2019/04/10	SCALE 1:1 / SHEET 1/1 / REV. A / CUSTOMER DRAWING
APPD:	