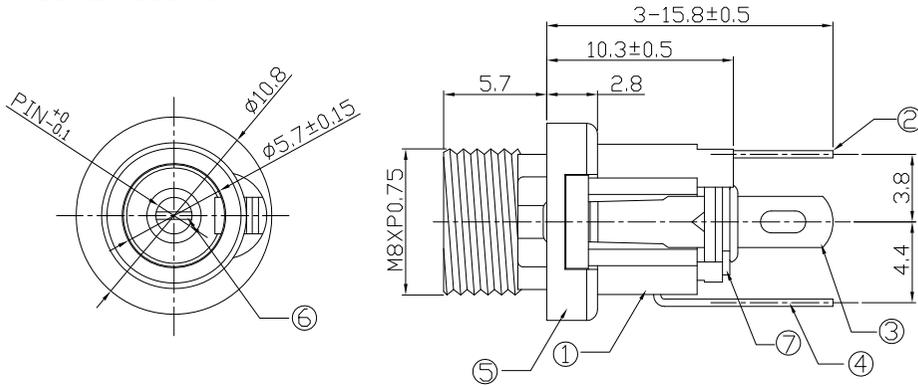




RoHS
Compliant
2002/95/EC

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=∅2.0 , I=∅2.35 , J=∅2.5

(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 ;

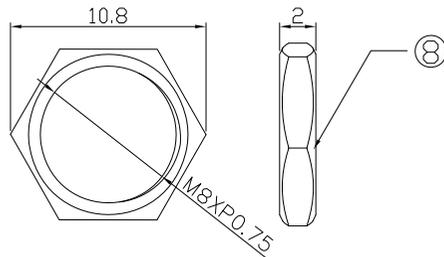
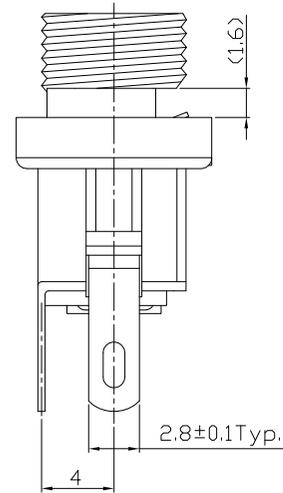
5.Insertion and extraction force: 3-30N;

6.life test: 5,000 cycles;

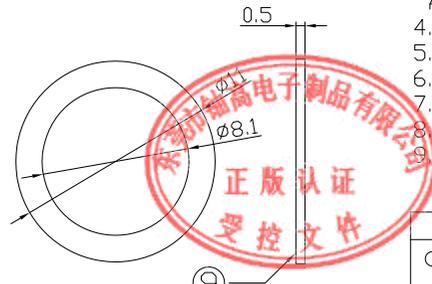
7.Operation temperature range:-20°C~70°C;

8.Preservative temperature range:-40°C~85°C;

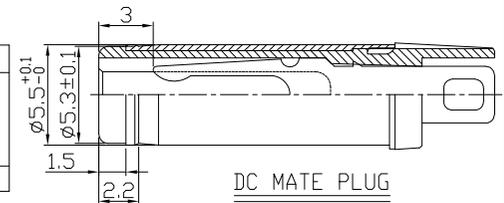
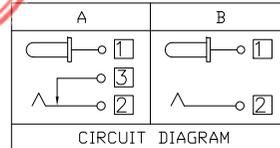
9.Torque standard of nut:12 N.m Max.



Nut



Washer



DC MATE PLUG

Model No.	H	I	J
CENTER PIN	∅2.0	∅2.35	∅2.5

○: ITEM NO. □: TERMINAL NO.

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
NO.	PARTS	MATERIAL	Q'TY	FINISHING

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TOLERANCE	ANGLES	UNITS	mm			
.X ±0.38	X ±5°	MAT'L				
.XX ±0.30	.X ±3°	SEE NOTE	TITLE: DIP DC POWER JACK PART NO.: DCB0-0025M			
.XXX ±0.15	.XX ±2°	FINISH				
SEE NOTE	SEE NOTE	DR: Ricky 2019/04/10	DWG NO.: AB0-0025M			
Q'TY	APPD: Ricky 2019/04/10	CHKD: Ricky 2019/04/10	SCALE	SHEET	REV.	CUSTOMER DRAWING
			1:1	1/1	A	

东莞市铀高电子制品有限公司