

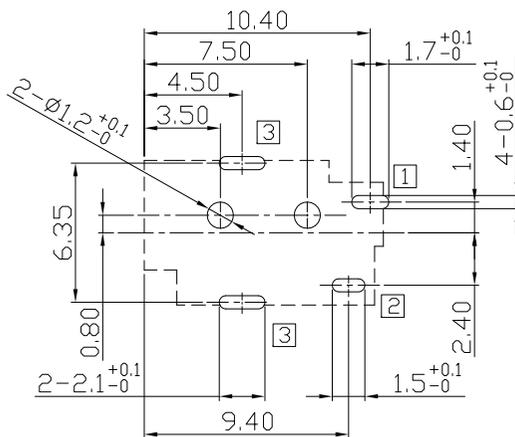
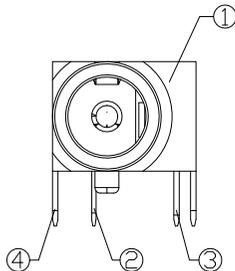
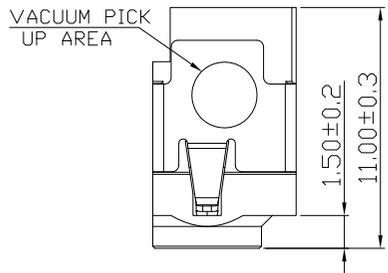


RoHS  
Compliant  
2002/95/EC

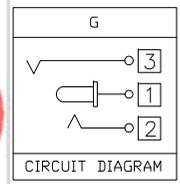
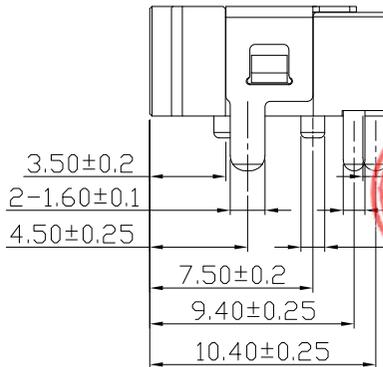
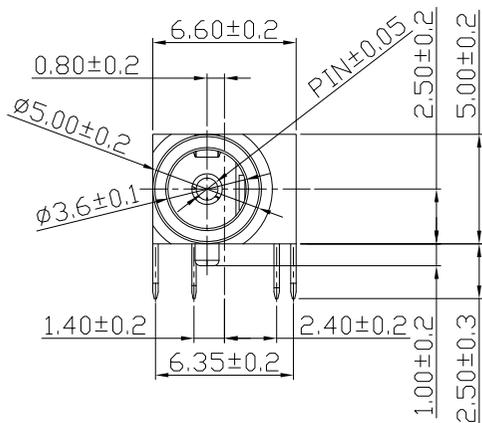
Halogen Free

| REV. | ECN. NO. | APPD. |
|------|----------|-------|
|      |          |       |
|      |          |       |

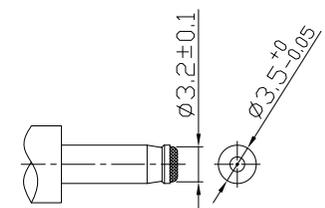
DIMENSIONS



PCB HOLES(TOP VIEW) t=1.6mm  
NOTE:GENERAL TOLERANCE:±0.05mm



|            |      |      |
|------------|------|------|
| Model No.  | C    | E    |
| CENTER PIN | ∅1.0 | ∅1.3 |



DC MATE PLUG

MODEL CODE:  
DCB0-0031L- G □ 10 BK N H 4  
(1):Series type:DIP DC POWER JACK.  
(2):Series No.  
(3):Schematic option: G  
(4):Center pin diameter:  
C=∅1.0 , E=∅1.3  
(5):Material of housing:  
10=PA10T  
(6):Housing color:  
BK=Black (Standard)  
(7):Terminal plating  
N=Nickel(Ni 40u"Min)  
(8):Special option:  
H=No halogen  
(9):Packing mode:  
1=Tape&Reel packing  
4=Bag packing

SPECIFICATION:  
1.Rating : DC 30V 2A;  
2.Contact resistance: ≤30mΩ;  
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;

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS         | MATERIAL              | Q'TY | FINISHING  | TOLERANCE  | ANGLES  | UNITS    | 东莞市铀高电子制品有限公司   |  |  |  |
|-----|---------------|-----------------------|------|------------|------------|---------|----------|---|--|--|--|
| ④   | Tip spring II | Copper Alloy t=0.25   | 1    | Ni plating | .X ±0.38   | X ±5°   | mm       | TITLE: DIP DC POWER JACK<br>PART NO.: DCB0-0031L<br>DR: Ricky 2019/04/12<br>DWG NO.: AB0-0031L<br>CHECKD: Ricky 2019/04/12<br>SCALE: 1:1 SHEET: 1/1 REV: A CUSTOMER DRAWING                       |  |  |  |
| ③   | Tip spring I  | Copper Alloy t=0.25   | 1    | Ni plating | .XX ±0.30  | .X ±3°  | MAT'L    |   |  |  |  |
| ②   | Center pin    | Copper Alloy t=0.20   | 1    | Ni plating | .XXX ±0.15 | .XX ±2° | SEE NOTE |   |  |  |  |
| ①   | Housing       | Hi-Tem. Thermoplastic | 1    | Black HF   |            |         | FINISH   |   |  |  |  |
|     |               |                       |      |            |            |         | SEE NOTE |   |  |  |  |
|     |               |                       |      |            |            |         | Q'TY     | 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. |  |  |  |