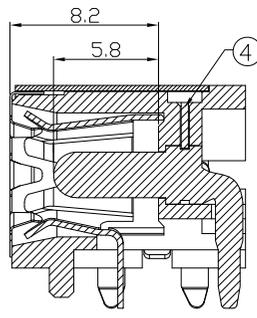
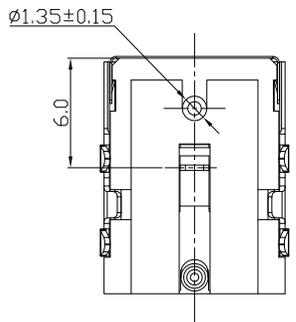
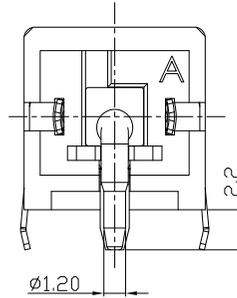
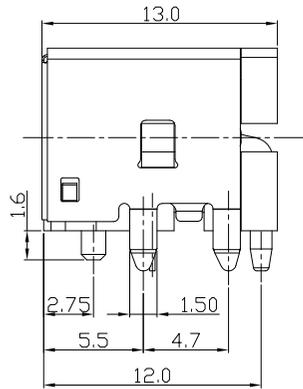
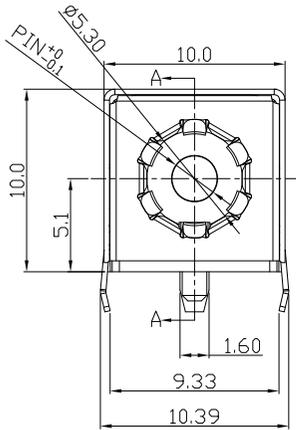




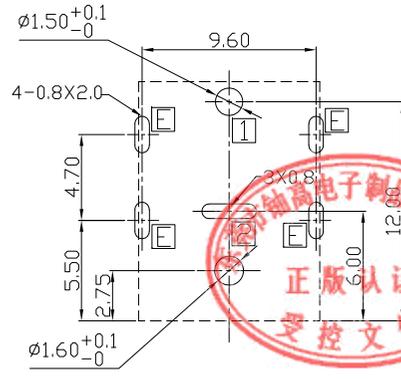
RoHS
Compliant
2002/95/EC

Halogen Free

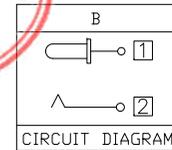
DIMENSIONS



SECTION A-A
(Short Center pin end is Circle)



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

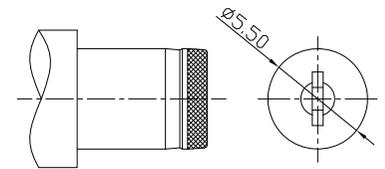


| | | | |
|------------|-------|------|------|
| Model No. | G | H | J |
| CENTER PIN | Ø1.65 | Ø2.0 | Ø2.5 |

- MODEL CODE:
DCB0-0146F- B □ 10 BK S 0 1
(1) (2) (3)(4) (5) (6) (7)(8) (9)
- (1):Series type:DIP DC POWER JACK.
 - (2):Series No.
 - (3):Schematic option: B
 - (4):Center pin diameter:
G=Ø1.65 , H=Ø2.0 , J=Ø2.5
 - (5):Material of housing:
10=PA10T(Standard)
 - (6):Housing color:
BK=Black , 3C=Orange(157C)
 - (7):Terminal plating
T=Tin(Sn) , S=Silver(Ag)
 - (8):Special option:
0=No Special Option
G=Center pin is Gold(Au) plating
 - (9):Packing mode:
1=Reel packing
3=Plastic box packing
4=Bag packing

SPECIFICATION:

- 1.Rating : DC 20V 8A;
- 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;



DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS | MATERIAL | Q'TY | FINISHING |
|-----|---------------------|-------------------------|------|---------------------|
| ⑥ | Ground Terminal [E] | Copper Alloy | 1 | Ni plating |
| ⑤ | Shield plate | Stainless steel | 1 | |
| ④ | Terminal | Copper Alloy | 1 | |
| ③ | Tip spring [2] | Copper Alloy | 1 | See "Ordering info" |
| ② | Center pin [1] | Zn Alloy | 1 | See "Ordering info" |
| ① | Housing | High temp.Thermoplastic | 1 | Halogen Free, Black |

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| | |
|--------|----------|
| 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.: DCB0-0146F | |
| DR: Ricky 2019/05/06 | | DWG NO.: AB0-0146F | |
| CHKD: Ricky 2019/05/06 | | SCALE: 1:1 | SHEET: 1/1 |
| APPD: | | REV. A | CUSTOMER DRAWING |