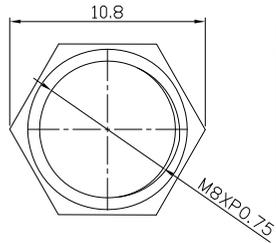
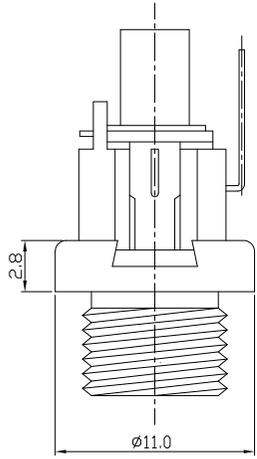




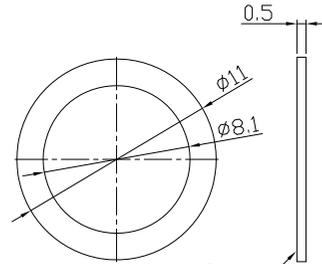
RoHS
Compliant
2002/95/EC

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

DIMENSIONS



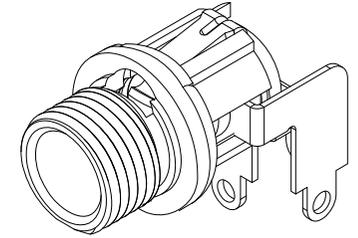
Nut



Washer

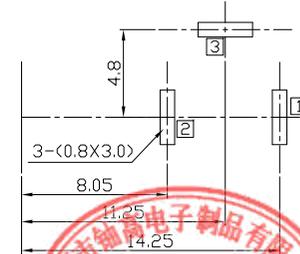
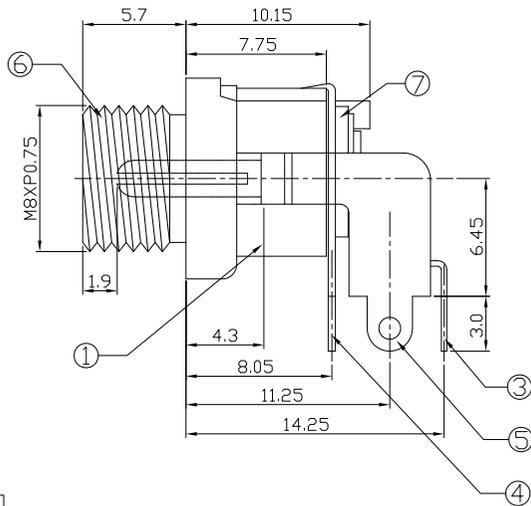
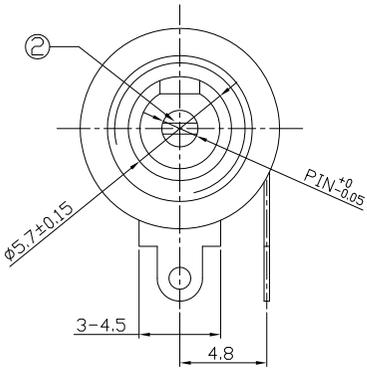
MODEL CODE:

- DCB0-0124M- A □ PB BK S 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 , J=∅2.5
 (5):Material of housing:
 PB=PBT (Standard)
 (6):Housing color:
 BK=Black
 (7):Terminal plating
 S=Silver(Ag)
 (8):Special option:
 0=No special option
 D=Do not spare parts
 (9):Packing mode:
 4=Bag packing

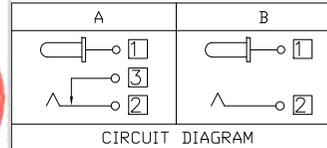


SPECIFICATION:

- Rating : DC 30V 3A;
- Contact resistance: ≤30mΩ;
After test:≤50mΩ
- Insulation resistance: ≥100MΩ (DC500V);
After test:≥50MΩ
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles;
- Operation temperature range:-20°C~70°C;
- Preservative temperature range:-40°C~85°C;



RECOMMENDED PCB LAYOUT
 UNSPECIFIED TOLERANCE:±0.05
 (COPPER-SIDED VIEW)



DC MATE PLUG

| | | |
|------------|------|------|
| Model No. | H | J |
| CENTER PIN | ∅2.0 | ∅2.5 |

○: ITEM NO. □: TERMINAL NO.

| | | | | |
|-----|----------------------|-----------------|------|----------------------|
| ⑨ | Washer-2 | Brass | 1 | Ni40u"Min. Plating |
| ⑧ | Nut | Brass | 1 | Ni40u"Min. Plating |
| ⑦ | Washer-1 | Bakelite | 2 | |
| ⑥ | Bushing | Brass | 1 | CuSn10u"Min. Plating |
| ⑤ | Shunt Terminal ③ | Phosphor Bronze | 1 | Ag:8u"Min. Plating |
| ④ | Tip Spring ② | Phosphor Bronze | 1 | |
| ③ | Center pin contact ① | Brass | 1 | |
| ② | Center pin | Brass | 1 | CuSn10u"Min. Plating |
| ① | Housing | PBT UL94V-0 | 1 | Black |
| NO. | PARTS | MATERIAL | Q'TY | FINISHING |

| | | |
|------------|---------|----------|
| TOLERANCE | ANGLES | UNITS |
| .X ±0.50 | X ±5° | mm |
| .XX ±0.30 | .X ±3° | MAT'L |
| .XXX ±0.15 | .XX ±2° | SEE NOTE |
| | | FINISH |
| | | SEE NOTE |
| | | Q'TY |

| |
|---|
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|---|

东莞市铀高电子制品有限公司

| | | | |
|--------|-------------------|------------------|------------|
| TITLE: | DIP DC POWER JACK | PART NO.: | DCB0-0124M |
| DR: | Ricky 2019/05/03 | DWG NO.: | AB0-0124M |
| CHKD: | Ricky 2019/05/03 | SCALE | 1:1 |
| APPD: | | SHEET | 1/1 |
| | | REV. | A |
| | | CUSTOMER DRAWING | |