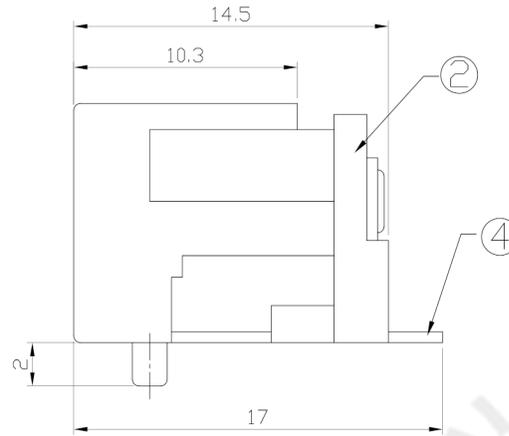
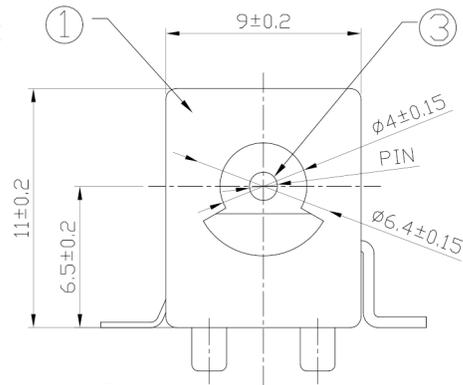




RoHS Compliant
2002/95/EC

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

DIMENSIONS



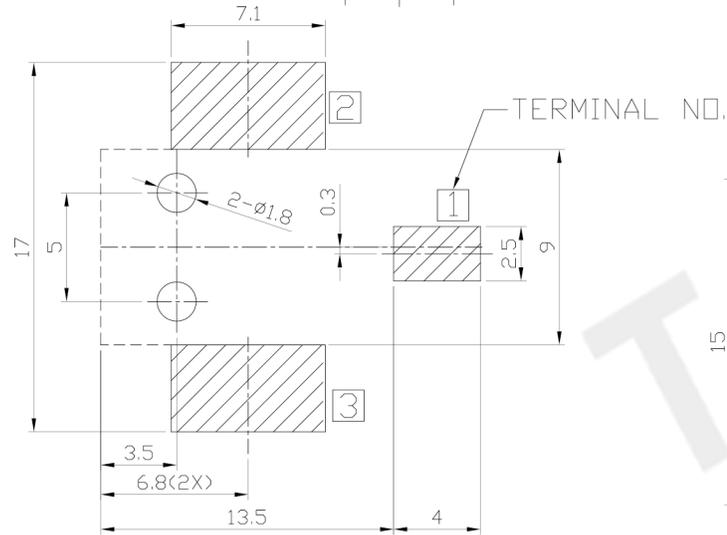
MODEL CODE:

DCB0-00880- A □ 9T BK S 0 1
(1) (2) (3)(4) (5) (6)(7)(8) (9)

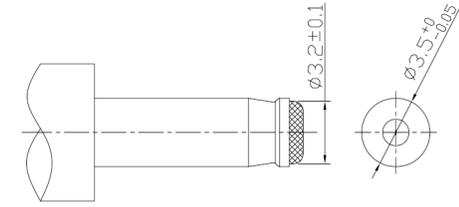
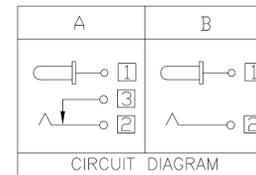
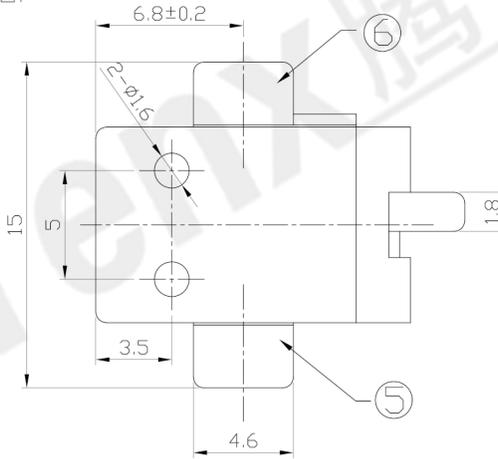
- (1):Series type:SMD DC POWER JACK.
- (2):Series No.
- (3):Schematic option: A,B
- (4):Center pin diameter:
D=φ1.1, E=φ1.3
- (5):Material of housing:
9T=PA9T(Standard)
- (6):Housing color:
BK=Black
- (7):Terminal plating:
S=Silver(Ag)
- (8):Special option:
0=No special option
- (9):Packing mode:
1=Reel packing

Specification:

- 1.Rating : DC 30V 1.0A.
- 2.Contact resistance: ≤30mΩ
After test:≤50mΩ
- 3.Insulation resistance: ≥100MΩ (500VDC).
After test:≥50MΩ
- 4.Withstanding voltage: 500VAC.
- 5.Insertion and extraction force: 3N~30N.
- 6.life test: 5000cycles min.
- 7.Operation temperature range:-20°C~70°C
- 8.Preservative temperature range:-40°C~85°C



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



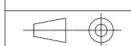
| Model No. | D | E |
|------------|------|------|
| CENTER PIN | φ1.1 | φ1.3 |

DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

| NO. | PARTS | MATERIAL | Q'TY | FINISHING | TOLERANCE | ANGLES | UNITS |
|-----|-----------------------|-----------------------|------|----------------|-----------|--------|----------|
| ⑥ | Shunt terminal ③ | Brass t0.5 | 1 | Silver plating | ±0.3 | ±2° | mm |
| ⑤ | Tip spring ② | Phosphor bronze t0.25 | 1 | Silver plating | | | MAT'L |
| ④ | Center pin terminal ① | Brass t0.5 | 1 | Silver plating | | | SEE NOTE |
| ③ | Center pin ① | Brass | 1 | Nickel plating | | | FINISH |
| ② | Cover | PA9T | 1 | Black | | | SEE NOTE |
| ① | Housing | PA9T | 1 | Black | | | Q'TY |

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东莞市腾兴电子有限公司

| | |
|-----------------------------|-----------------------------------|
| TITLE: SMD DC POWER JACK | PART NO.: DCB0-00880 |
| DR: Ricky 2018/06/25 | DWG NO.: AB0-00880 |
| CHKD: Ricky 2018/06/25 | SCALE SHEET REV. CUSTOMER DRAWING |
| APPD: | 1:1 1/1 A |