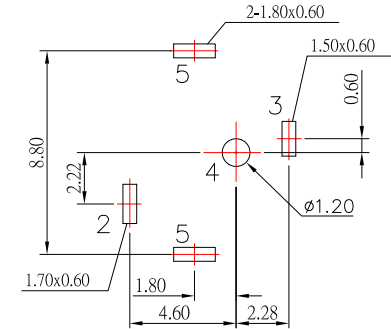
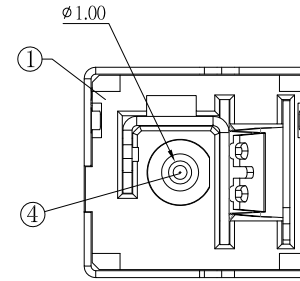
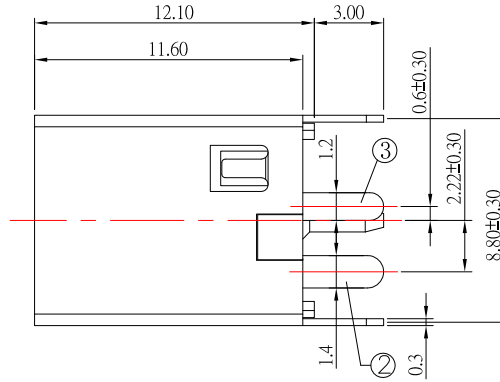
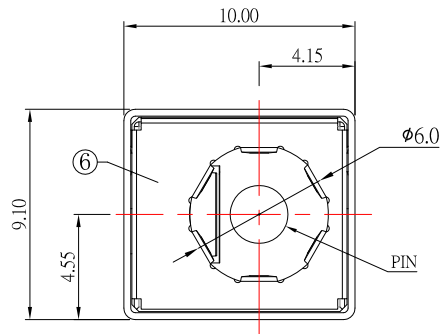
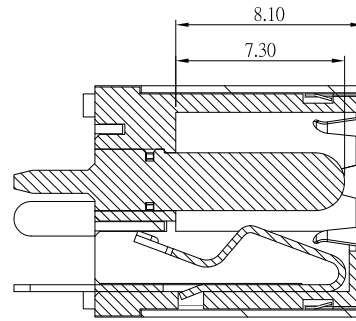
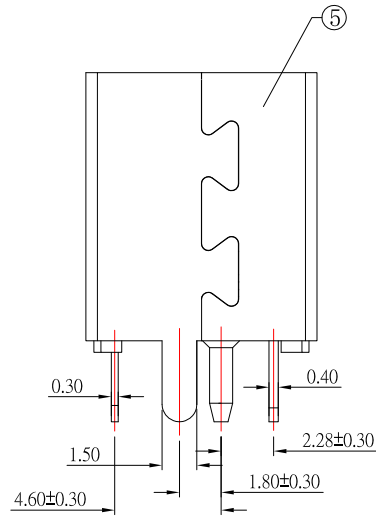




## P.C.B LAYOUT TOP VIEW

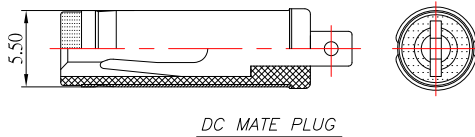


## SECTION

|            |                  |
|------------|------------------|
| MODEL NO.  | DC-D1842V-x-S214 |
| SCHEMATIC  |                  |
| CENTER PIN | 2.00 mm          |
|            | 2.50 mm          |
|            | 3.00 mm          |

## SPECIFICATION

- Rating : DC 48V, 5.5A ;
- Contact resistance :  $\leq 30\text{m}\Omega$  ;
- Insulation resistance :  $\geq 100\text{M}\Omega$  ;
- Withstand voltage : 500VAC ;
- Insertion and extraction force : 3-30N;
- life test : 5,000 cycles .



DC MATE PLUG

|     |              |     |                 |            |
|-----|--------------|-----|-----------------|------------|
| 6   | SPRING PIECE | 1   | SUS             | ——         |
| 5   | COAT         | 1   | IRON            | Ni-Plating |
| 4   | PIN          | 1   | ZINC ALLOY      | Ni-Plating |
| 3   | CONTACT FOOT | 1   | BRASS           | Ag-Plating |
| 2   | SPRING PIECE | 1   | PHOSPHOR BRONZE | Ag-Plating |
| 1   | HOUSING      | 1   | PA9T            | ——         |
| NO. | DESCRIPTION  | QTY | MATERIAL        | REMARK     |

**CONTACT** 建倚科技股份有限公司  
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :  
Up to 5 ±0.2  
Above 5 ~ 15 ±0.3  
Above 15 ~ 30 ±0.4  
Above 30 ~ 50 ±0.5  
Angle ±0.3°  
3RD. ANGEL'S  
UNITS MM

|              |          |           |          |                  |
|--------------|----------|-----------|----------|------------------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE    | JACK             |
| Jack Lu      | 08/27/20 | FINISH    | MODLE    | DC JACK          |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  | DC-D1842V-x-S214 |
| Jacky Chen   | 08/27/20 | 1 : 1     | PART NO. | DC-D1842V-x-S214 |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1   | SIZE A4          |
| Tony Kao     | 08/27/20 |           |          | VER R            |