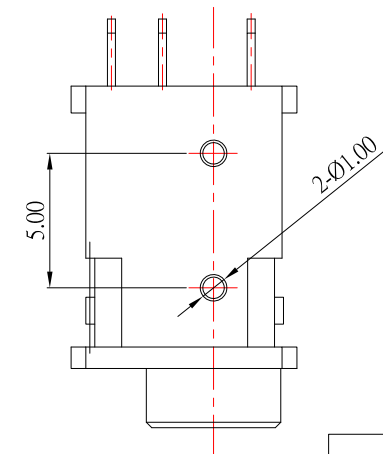
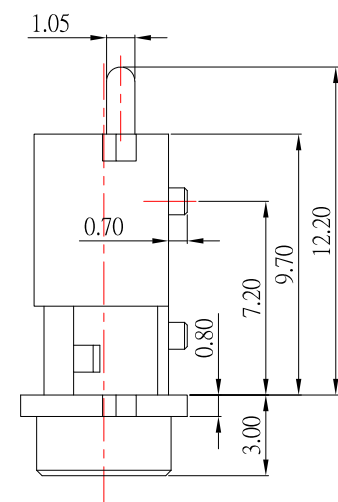
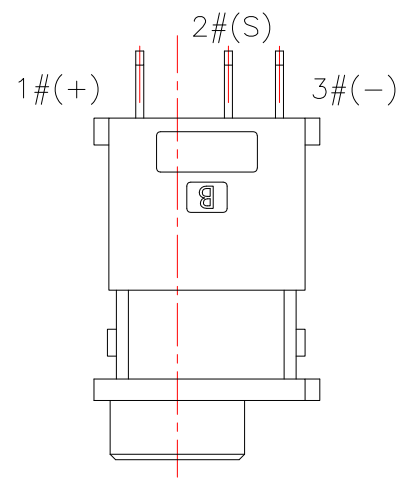
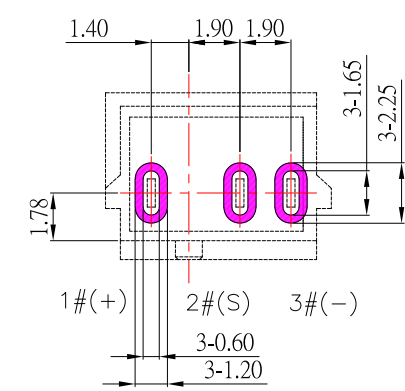
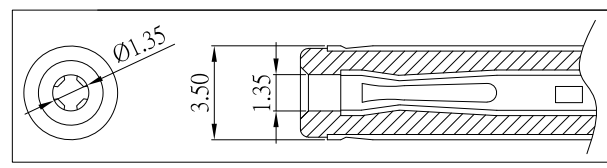
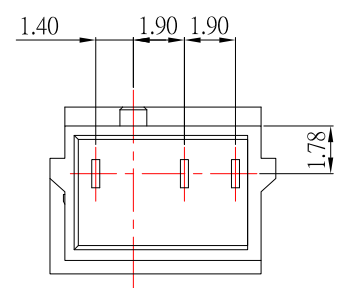
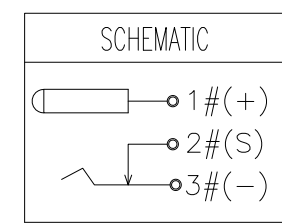
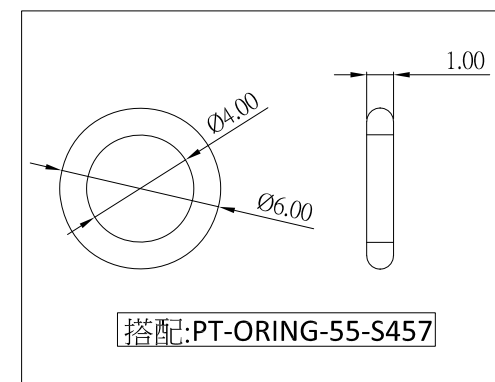
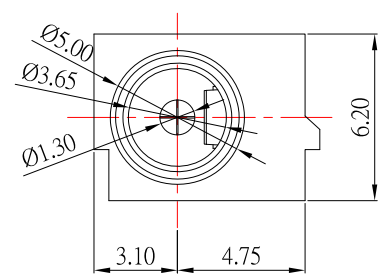


IPX7



P.C.B LAYOUT  
TOP VIEW



SPECIFICATION

- 1.Rating : DC 24V , 3.0A
- 2.Contact resistance :  $\leq 50\text{m}\Omega$
- 3.Insulation resistance :  $\geq 100\text{M}\Omega$
- 4.Withstand voltage : 500VAC
- 5.Insertion and extraction force : 3-35N
- 6.life test : 5,000 cycles

|      |                 |      |                                                                          |
|------|-----------------|------|--------------------------------------------------------------------------|
| 7    | WATERPROOF RING | 1    | SILICONE; WHITE                                                          |
| 6    | GLUE            | 1    | EPOXY; BLACK                                                             |
| 5    | BACK COVER      | 1    | PA9T; BLACK                                                              |
| 4    | HOUSING         | 1    | PA9T; BLACK                                                              |
| 3    | TERMINAL 3#     | 1    | PHOSPHOR BRONZE ; NICKEL UNDERPLATING OVERALL, Au PLATING ON SOLDER AREA |
| 2    | TERMINAL 2#     | 1    | PHOSPHOR BRONZE; NICKEL UNDERPLATING OVERALL, Au PLATING ON THE WHOLE    |
| 1    | CENTER PIN      | 1    | PHOSPHOR BRONZE ; NICKEL UNDERPLATING OVERALL, Au PLATING ON SOLDER AREA |
| ITEM | NAME            | Q'TY | DESCRIPTION                                                              |

|          |             |       |      |
|----------|-------------|-------|------|
| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|          |             |       |      |
|          |             |       |      |
|          |             |       |      |
|          |             |       |      |

 東莞市高迪電子有限公司  
DONG GUAN GAO DI ELECTRONICS CO., LTD

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

|              |          |           |          |                      |
|--------------|----------|-----------|----------|----------------------|
| DRAWN BY:    | DATE     | MAT'L     | TITLE    | JACK                 |
| Jack Lu      | 07/28/25 |           |          |                      |
| CHECKED BY:  | DATE     | FINISH    | MODLE    | 防水 DC JACK           |
| Jacky Chen   | 07/28/25 |           |          |                      |
| APPROVED BY: | DATE     | SCALE     | DWG NO.  | DC-WP3090HV-1.3-S457 |
| Tony Kao     | 07/28/25 | 1 : 1     |          |                      |
|              |          | SHEET NO. | PART NO. | DC-WP3090HV-1.3-S457 |
|              |          | 1 of 1    |          |                      |
|              |          |           |          | SIZE A4              |
|              |          |           |          | VER R                |