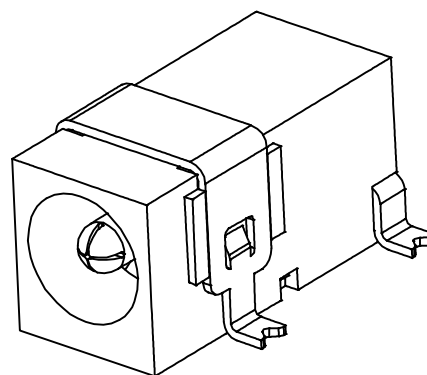
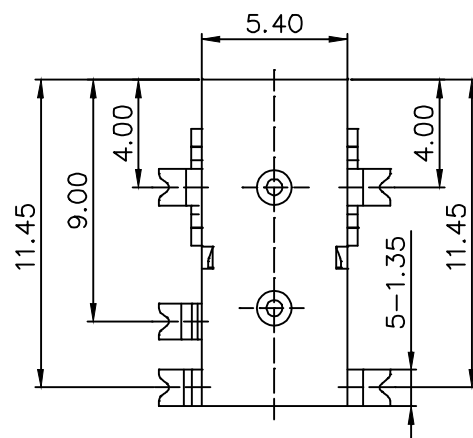
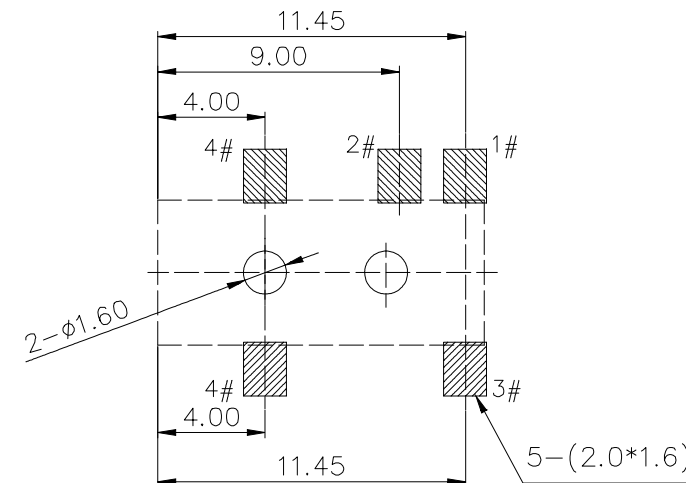
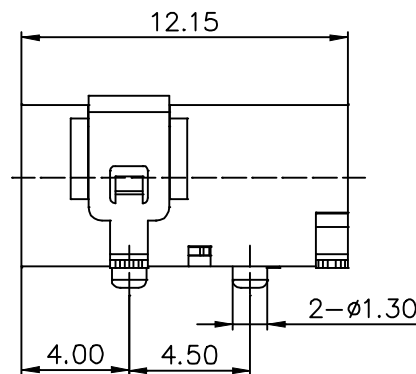
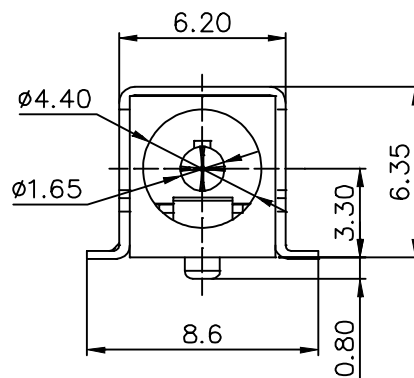


| △    |     |             |      |       |
|------|-----|-------------|------|-------|
| △    |     |             |      |       |
| △    |     |             |      |       |
| △    |     |             |      |       |
| ZONE | REV | DESCRIPTION | DATE | APPD. |

R&D發行  
2022.05.30  
達立

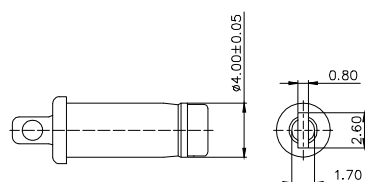
**RoHS**  
**Compatible**

# RECOMMENDED P.C.B MOUNTING PATTERN DIMENSION



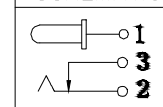
## Specification

- Rating : DC 30V, 1A
- Contact resistance : 30mΩ;
- Insulation resistance :  $\geq 100\text{M}\Omega$  Min. (500 VDC)
- Withstand voltage : 500VAC.
- Insertion and extraction force : 3N~30N.
- life test : 3,000 cycles min.



Mating Plug

## SCHEMATIC



| 5   | Terminal 4 | Copper Alloy | 1    | Ag Plated |
|-----|------------|--------------|------|-----------|
| 4   | Terminal 3 | Copper Alloy | 1    | Ag Plated |
| 3   | Terminal 2 | Copper Alloy | 1    | Ag Plated |
| 2   | Terminal 1 | Copper Alloy | 1    | Ag Plated |
| 1   | Housing    | PA9T         | 1    | Black     |
| No. | Part Name  | Material     | Q'ty | Remarks   |

**達立科技股份有限公司**  
**Dawning Precision Co., Ltd.**  
TEL: 886-2-82271388 FAX: 886-2-82272198

|          |       |         |             |  |
|----------|-------|---------|-------------|--|
| DESIGN   | Chung | SCALE   |             |  |
| DRAWING  | Chung | UNIT    | mm          |  |
| CHECK    | Chung | SIZE    | A4: 210*297 |  |
| APPROVAL | Baker | VERSION | 01          |  |

|                                       |            |                 |
|---------------------------------------|------------|-----------------|
| TOLERANCE UNLESS OTHERWISE STATED(mm) | PART NAME  | DC POWER SOCKET |
| 0 ——— ±0.40                           | PART NO    | DC-059DS-E-S243 |
| 0.0 ——— ±0.35                         | DRAWING NO |                 |
| 0.00 ——— ±0.30                        | DATE       | 2022.05.30      |
| ANGLE ——— ±2°                         |            |                 |