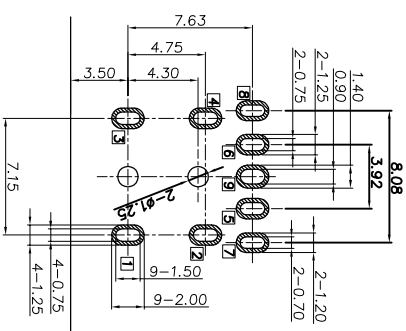
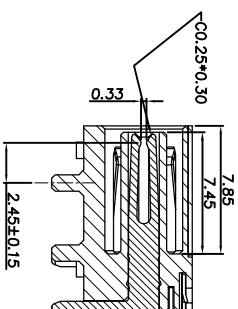
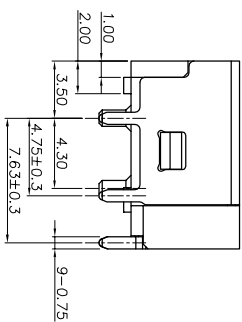
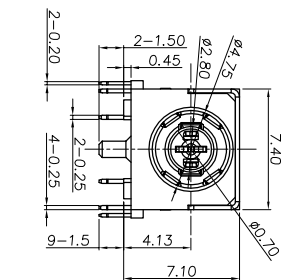


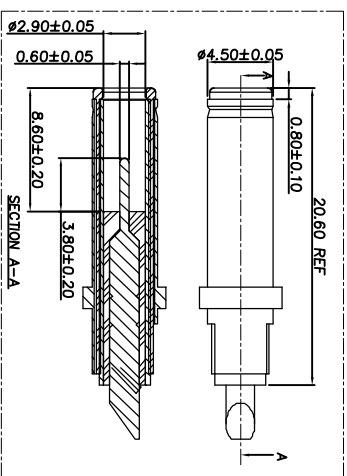
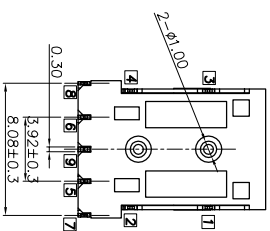
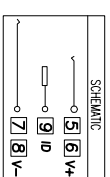
**SPECIFICATION:**

## 1. ELECTRICAL CHARACTERISTICS

- 1-1. CONNECTOR RATED CURRENT: 74A 30°C Max.  $\Delta T$  OVER AMBIENT.  
RATED VOLTAGE: 30V DC.
- 1-2. INSULATION RESISTANCE: 100 MOHMS Min. AT 100V DC AFTER 1 MINUTE
- 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 150V AC FOR 1 MINUTE.
- 1-4. CONTACT RESISTANCE: 30 MOHMS Max.
2. MECHANICAL CHARACTERISTICS:
  - 2-1. MATING FORCE: 0.3-3 KG/F
  - 2-2. UNMATING FORCE: 0.3-3 KG/F
  - 2-3. DURABILITY (MATING/UNMATING CYCLES): 5000
  - 3. OPERATING TEMPERATURE RANGE: -40°C - 85°C
  - 4. HINDITTY: 558KH Max.
5. RECOMMEND PROCESS: IR REFLOW PEAK TEMPERATURE: 230-255°C, 20-40s  
or WAVE SOLDER PEAK TEMPERATURE: 265°C, 3-5s.



RECOMMENDED P.C.B LAYOUT (TOP VIEW)  
PCB THICKNESS:1.60mm, TOLERANCE:±0.05



|                                                                                           |     |                          |             |                   |        |          |           |               |  |
|-------------------------------------------------------------------------------------------|-----|--------------------------|-------------|-------------------|--------|----------|-----------|---------------|--|
| SHENG CONG ELECTRONIC CO., LTD                                                            |     |                          |             |                   |        |          |           |               |  |
| CUSTOMER COPY                                                                             |     | TITLE: DC POWER JACK     |             | PART NO. DJ-D058A |        |          |           |               |  |
| CUSTOMER COPY                                                                             |     | TITLE: DC POWER JACK     |             |                   |        |          |           |               |  |
| General                                                                                   |     | Angle                    |             | PART NO.          |        |          |           |               |  |
| $X \pm 0.50$                                                                              |     | $X^\circ \pm 3^\circ$    |             |                   |        |          |           |               |  |
| $X.X \pm 0.30$                                                                            |     | $X.X^\circ \pm 2^\circ$  |             |                   |        |          |           |               |  |
| $X.XX \pm 0.20$                                                                           |     | $X.XX^\circ \pm 1^\circ$ |             |                   |        |          |           |               |  |
| $X.XXX \pm 0.10$                                                                          |     |                          |             |                   |        |          |           |               |  |
| PROJ:  |     | SCALE: 4:1               |             | UNIT:mm           |        | SIZE: A4 |           | SHEET: 1 OF 1 |  |
| ECN(DCN) NO.                                                                              | REV | DATE                     | DESCRIPTION | CHANGE            | APPRO. | DESIGN   | 21'/02/25 |               |  |
|                                                                                           |     |                          |             |                   |        | Jason    | 21'/02/25 |               |  |
|                                                                                           |     |                          |             |                   |        | Jason    | 21'/02/25 |               |  |
|                                                                                           | 0   | 21'/02/25                | NEW         | JASON             | Max.hu | CHECK    | 21'/02/25 |               |  |
|                                                                                           |     |                          |             |                   |        | APPRO.   | Max.hu    | 21'/02/25     |  |



盛聰電子有限公司  
SHENG CONG ELECTRONIC CO., LTD



|      |           |
|------|-----------|
| RoHS | Compliant |
|------|-----------|

### Level-1 Controlled Substances are banned