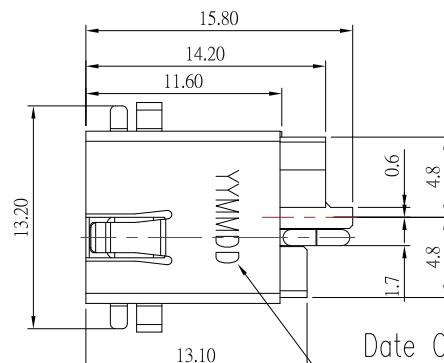


DC MATEIMG PLUG-REF

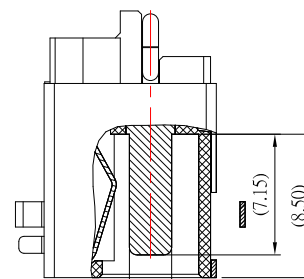
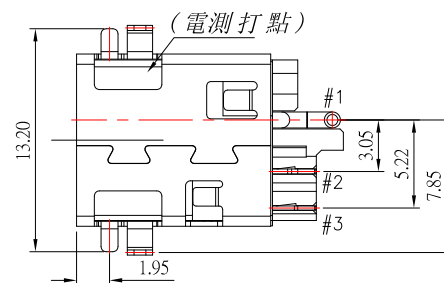
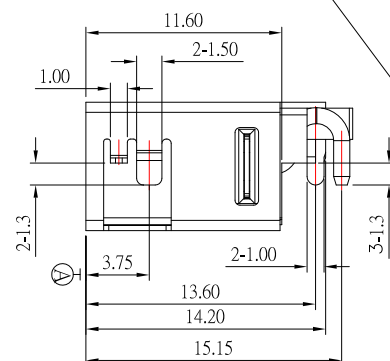


Date Code:YYMMDD

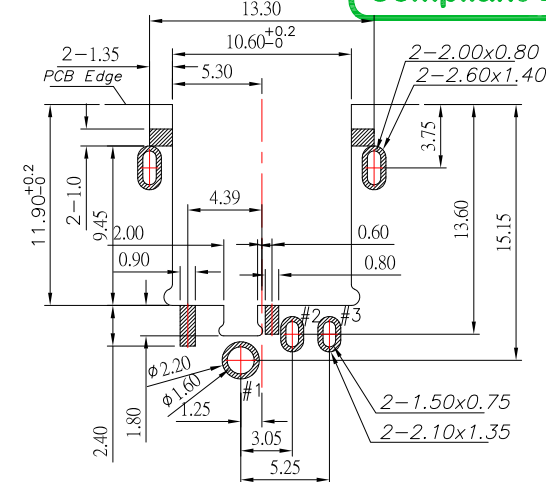
YY: YEAR(17~XX)

MM: MONTH(01~12)

DD: DAY(01~31)



(SECTION A-A)



P.C.B LAYOUT MOUNTING PATTERN  
(TOP VIEW)

## SPECIFICATION

- 1.Rating : DC 20V, 10.0A
- 2.Contact resistance :  $\leq 30\text{m}\Omega$
- 3.Insulation resistance :  $\geq 100\text{M}\Omega$
- 4.Withstand voltage : 500VAC
- 5.Insertion and extraction force : 3-30N
- 6.life test : 5.000 cycles °

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| MODEL NO.  | DC-S3018H-x                                                                         |
| SCHEMATIC  |  |
| CENTER PIN | φ2.0 mm                                                                             |
|            | φ2.5 mm                                                                             |

|     |                   |     |                 |                     |
|-----|-------------------|-----|-----------------|---------------------|
| 6   | TERMINAL          | 1   | SUS             |                     |
| 5   | AHELL             | 1   | BRASS           | Ni-Plating          |
| 4   | CENTER PIN #1     | 1   | H65             | Ni/Gold-Plating     |
| 3   | SHUNT TERMINAL #2 | 1   | BRASS           | Gold/Ni/Tin-Plating |
| 2   | TIP SPRING #3     | 1   | PHOSPHOR BRONZE | Gold/Ni/Tin-Plating |
| 1   | HOUSING           | 1   | LCP(Black)      |                     |
| NO. | DESCRIPTION       | QTY | MATERIAL        | PLATING             |

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

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

|              |          |           |        |          |                  |            |
|--------------|----------|-----------|--------|----------|------------------|------------|
| DRAWN BY:    | DATE     | MAT'L     |        | TITLE    | JACK             |            |
| Jack Lu      | 08/09/21 |           |        |          |                  |            |
| CHECKED BY:  | DATE     | FINISH    |        | MODLE    | DC JACK          |            |
| Jacky Chen   | 08/09/21 | SCALE     | 1 : 1  | DWG NO.  | DC-S3018H-x-S214 | SIZE<br>A4 |
| APPROVED BY: | DATE     | SHEET NO. | 1 of 1 | PART NO. | DC-S3018H-x-S214 | VER<br>R2  |
| Tony Kao     | 08/09/21 |           |        |          |                  |            |