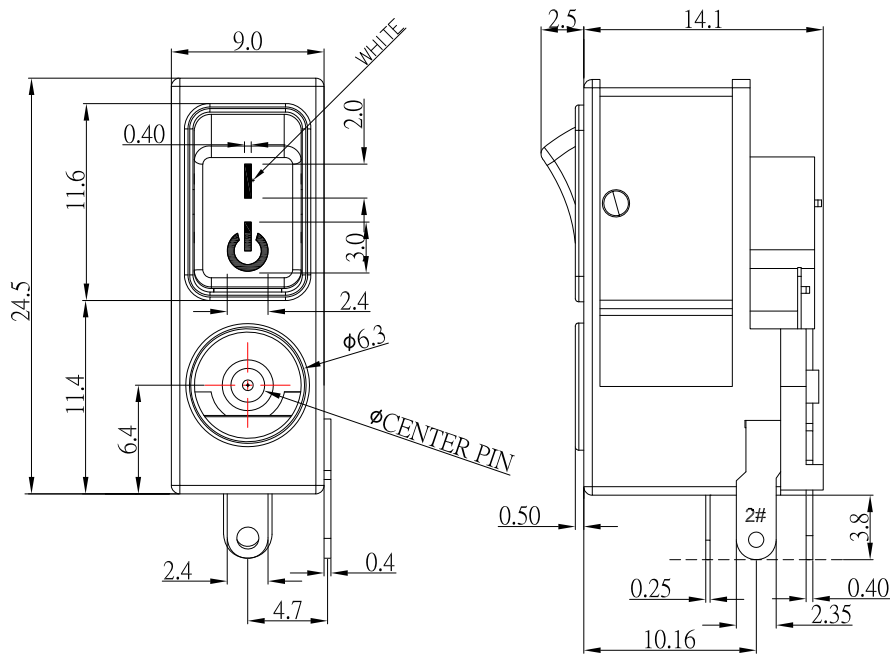
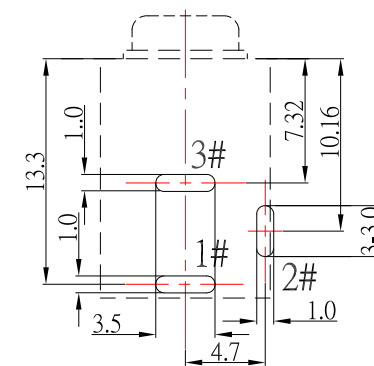


CIRCUIT DIAGRAM



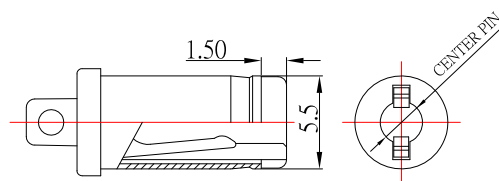
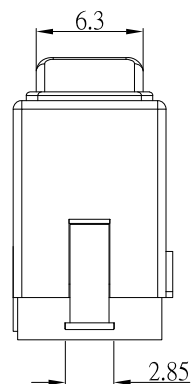
P.C.B LAYOUT

DCx-RS-04-S427

|     |                                 |
|-----|---------------------------------|
| 2.0 | CENTER PIN: $\phi 2.0\text{mm}$ |
| 2.5 | CENTER PIN: $\phi 2.5\text{mm}$ |

SPECIFICATION

- 1.Rating : DC 30V, 6.0A ;
- 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 : 3-30N
- 6.life test : 5,000 cycles °



RECOMMENDED PLUG

|     |             |     |                 |           |
|-----|-------------|-----|-----------------|-----------|
| 8   | HOUSING     | 1   | PBT             | BLACK     |
| 7   | COVER       | 1   | PBT             | BLACK     |
| 6   | SWITCH PIN  | 1   | BRASS           | Ag PLATED |
| 5   | CONTACT PIN | 1   | BRASS           | Ag PLATED |
| 4   | CENTER PIN  | 1   | H59             | Ni PLATED |
| 3   | SPRING      | 1   | PHOSPHOR BRONZE | Ag PLATED |
| 2   | SHUNT       | 1   | BRASS           | Ag PLATED |
| 1   | TERMINAL    | 1   | BRASS           | Ag PLATED |
| NO. | PART NAME   | QTY | MATERIAL        | REMARK    |

 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  $\pm 0.2$   
Above 5 ~ 15  $\pm 0.3$   
Above 15 ~ 30  $\pm 0.4$   
Above 30 ~ 50  $\pm 0.5$   
Angle  $\pm 0.3^\circ$

3RD.  
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu  
CHECKED BY: Jacky Chen  
APPROVED BY: Tony Kao

DATE: 06/08/23  
DATE: 06/08/23  
DATE: 06/08/23

MAT'L  
FINISH  
SCALE  
SHEET NO.

TITLE: DC JACK  
MODLE  
DWG NO. DCx-RS-04-S427  
PART NO. DCx-RS-04-S427

SIZE: A4  
VER: R