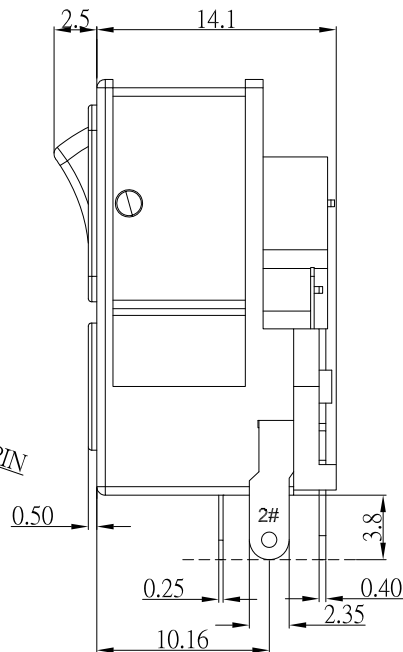
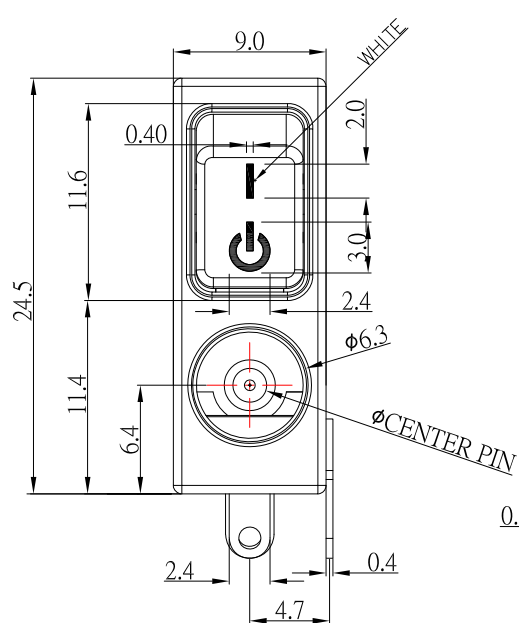
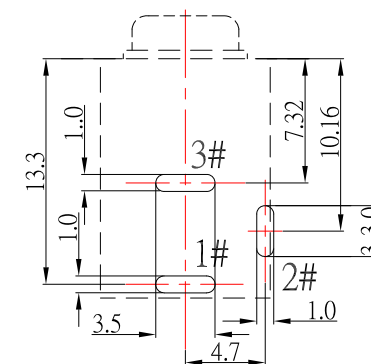
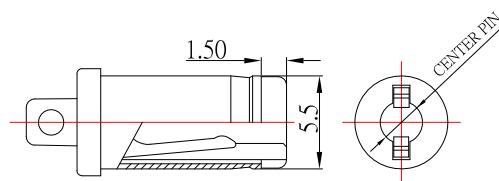
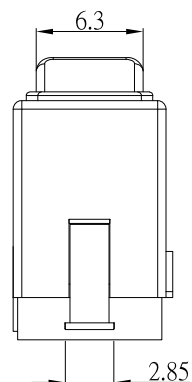


### CIRCUIT DIAGRAM



## P.C.B LAYOUT



RECOMMENDED PLUG

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 °

|     |             |      |                 |           |
|-----|-------------|------|-----------------|-----------|
| 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   | QT'Y | MATERIAL        | REMARK    |



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GUANG DONG KE SI DA ELECTRONIC TECHNOLOGY CO., LTD.

|                                        |               |        |
|----------------------------------------|---------------|--------|
| TOLERANCE UNLESS<br>OTHERWISE STATED : | Up to 5       | ± 0.2  |
|                                        | Above 5 ~ 15  | ± 0.3  |
|                                        | Above 15 ~ 30 | ± 0.4  |
|                                        | Above 30 ~ 50 | ± 0.5  |
|                                        | Angle         | ± 0.3° |

3RD.



UNITS

MM

DRAWN BY:

Jack Lu

|            |
|------------|
| JACK LU    |
| CHECKED BY |

CHECKED BY \_\_\_\_\_

|            |
|------------|
| Jacky Chen |
|------------|

APPROVED BY \_\_\_\_\_

DATE \_\_\_\_\_

06/08/2

DATE \_\_\_\_\_

DATE \_\_\_\_\_

06/08/2

DATE \_\_\_\_\_

MATI

FINISH

SCALE

SCALE

TITLE

MODEL

DWC-NL

|        |  |
|--------|--|
| DWG N° |  |
|--------|--|

LACK

DC JACK

DCv PS 04 S427

W. DCX-KS-04-3427

|  |      |
|--|------|
|  | SIZE |
|--|------|

A4

|  |     |
|--|-----|
|  | VER |
|--|-----|

|  |   |
|--|---|
|  | R |
|--|---|