

## Coaxial Switch

SPDT/N/12.4GHz/Failsafe Type

### High Power Type

#### Features:

- DC to 12.4GHz
- Higher reliability and longer lifespan
- Wide frequency range
- Low insertion loss, Low standing wave, high isolation

#### Typical Applications:

- 5G communication testing, automated testing equipment
- Communication and Navigation System
- Military Aerospace Communication System
- Precision measuring equipment, radar transmitter RF signal control

#### Electrical Specifications:

| Parameter           | Typical |        |           |
|---------------------|---------|--------|-----------|
| Frequency Range     | DC-3GHz | 3-6GHz | 6-12.4GHz |
| VSWR(Max)           | 1.20    | 1.35   | 1.60      |
| Insertion Loss(Max) | 0.20dB  | 0.40dB | 0.80dB    |
| Isolation(Min)      | 80dB    | 70dB   | 60dB      |
| Power handing(W)    | 200W    | 150W   | 100W      |

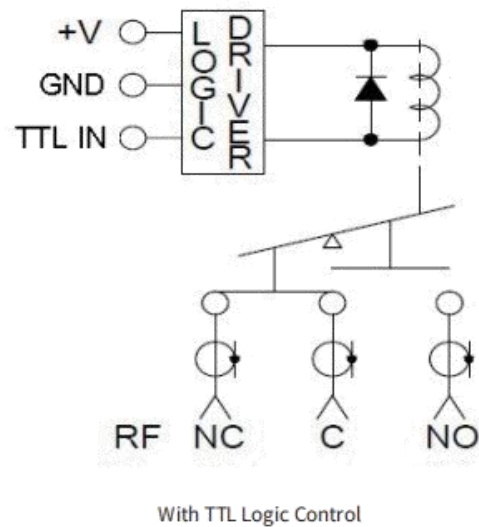
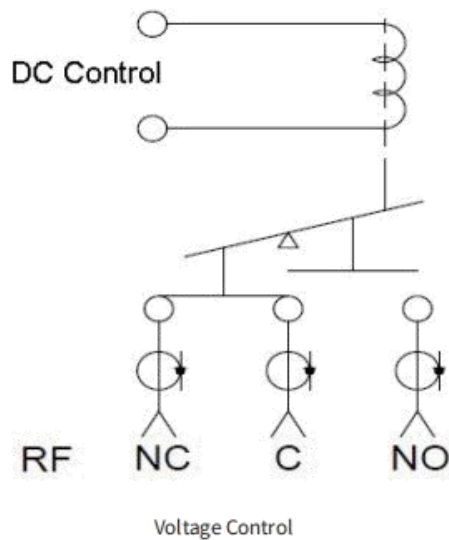
#### Technical Specifications:

| Parameter               | Typical                     |
|-------------------------|-----------------------------|
| RF Impedance            | 50Ω                         |
| Control voltage/current | DC12V/300mA                 |
|                         | DC24V/150mA(Option:15V,28V) |
| Switching time          | <20ms                       |
| Operating life          | >1000000cycles              |
| Operating Temperature   | -25℃ to+65℃                 |
| RF Interface            | N female                    |

## Coaxial Switch

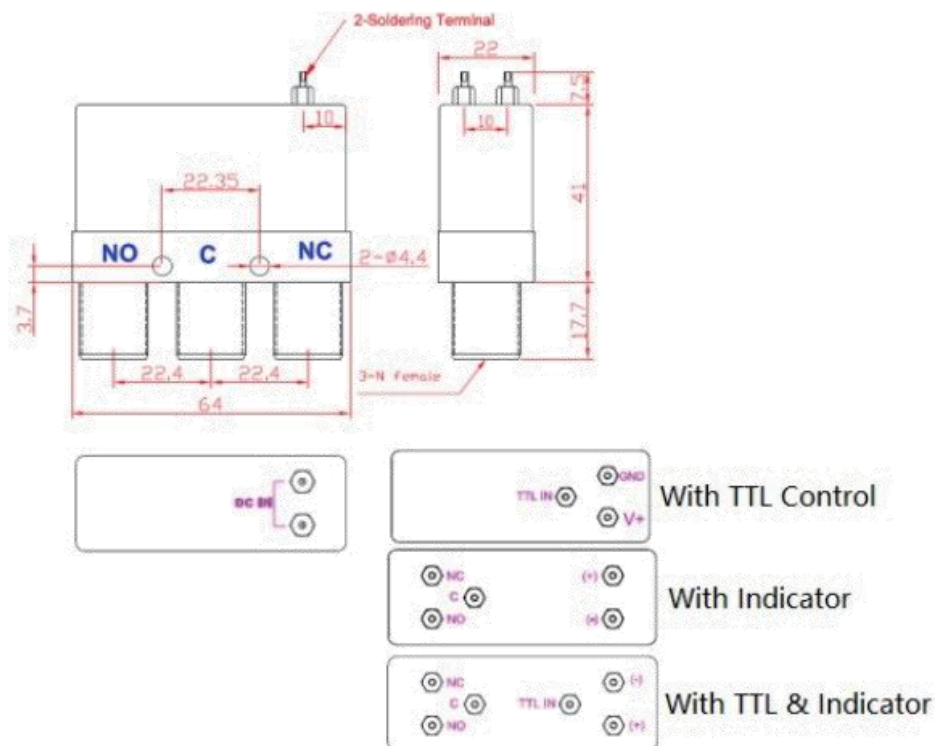
SPDT/N/12.4GHz/Failsafe Type

### Schematics:



### Outline Drawing:

All Dimensions in mm



YERSON and its affiliates reserve the right to make changes to the products or information contained herein without prior notice. Please visit [www.yersontech.com](http://www.yersontech.com) for additional data-sheets and product information.