

# SPDT 18G Surface mount type

## Failsafe

### ◆ RF Features

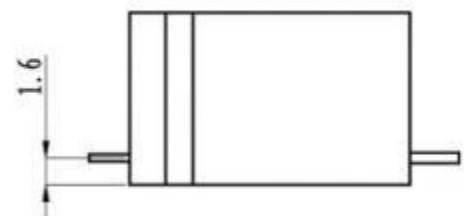
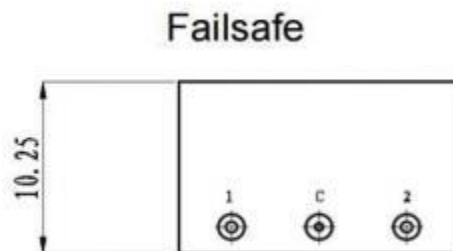
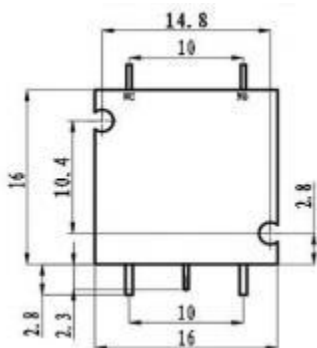
| RF Range (GHz) | Insertion loss (dB) | Isolation (dB) | Standing wave | Average power(W) |
|----------------|---------------------|----------------|---------------|------------------|
| DC - 5         | 0.30                | 60             | 1.40          | 70               |
| 5-12           | 0.40                | 50             | 1.50          | 50               |
| 12-18          | 0.70                | 40             | 1.70          | 40               |

### ◆ Operating voltage/current

| Operating voltage(V) | 12       | 24  |
|----------------------|----------|-----|
| Current(mA)          | Failsafe | 170 |
|                      |          | 90  |

\* The voltage can be selected according to user's requirements.

### ◆ Product dimensions



### ◆ Product features

- DC to 18GHz
- Low SWR, low loss
- small size
- RF Interface:  $\Phi 0.45$  mm

### ◆ Technical specifications

Operating frequency: DC~18GHz

RF Interface:  $\phi 0.45$ mm

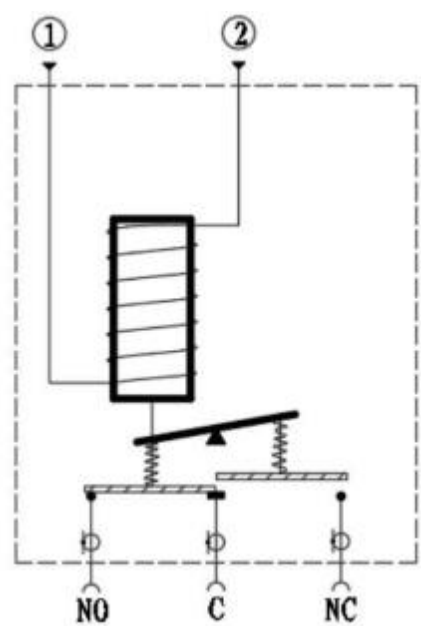
Switching life: 1 million times

Switching time: <15ms

Weight: 17g

Operating temperature: -25°C~65°C(standard)

-45°C~85°C(Temperature expansion)



Failsafe

| Switching method |        | RF Channel | Pin definition |
|------------------|--------|------------|----------------|
|                  |        |            | Pin            |
|                  |        |            | Motivation     |
| Failsafe         | NO TTL | C-NC       | NC             |
|                  |        | C-NO       | 1:VDC, 2:GND   |