

SPDT 12.4GHz

High Power type

Failsafe/Latching



◆ RF Features

RF Range (GHz)	Insertion loss (dB)	Isolation (dB)	Standing wave
DC - 5	0.3	70	1.3
5 - 12.4	0.5	60	1.5

◆ Operating voltage/current

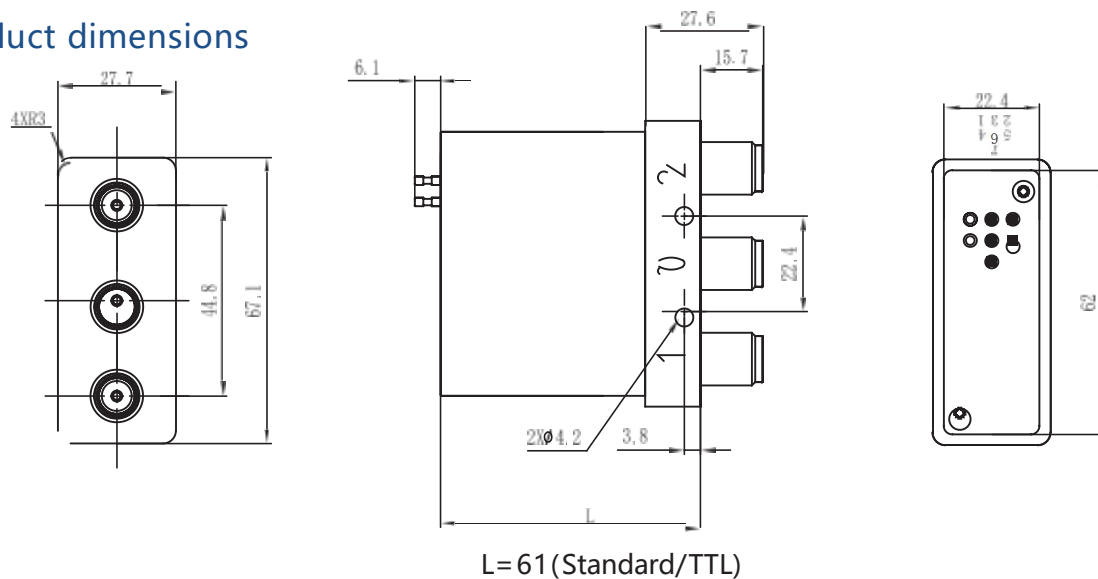
Operating voltage (V)		12	24	28
Current(mA)	Failsafe	300	180	150
	Latching	320	180	150

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

◆ Product features

- DC to 12.4 GHz
- Low SWR, low loss, high isolation
- Connector form N
- TTL level control is selectable

◆ Product dimensions



◆ Technical specifications

Switching sequence: Break first, then close

Switching rate: <15ms

Operating temperature:

-25°C~65°C (standard)

-55°C~85°C(Temperature expansion)

Switching life: 2 million times

RF connector: N Female

Control interface: terminal

Shock (non-working state): 30G、1/2 Sine、11 ms

Vibration (operating state): 20-2000Hz, 10GRMS

SPDT 18GHz

High Power type Failsafe/Latching

◆ RF Features

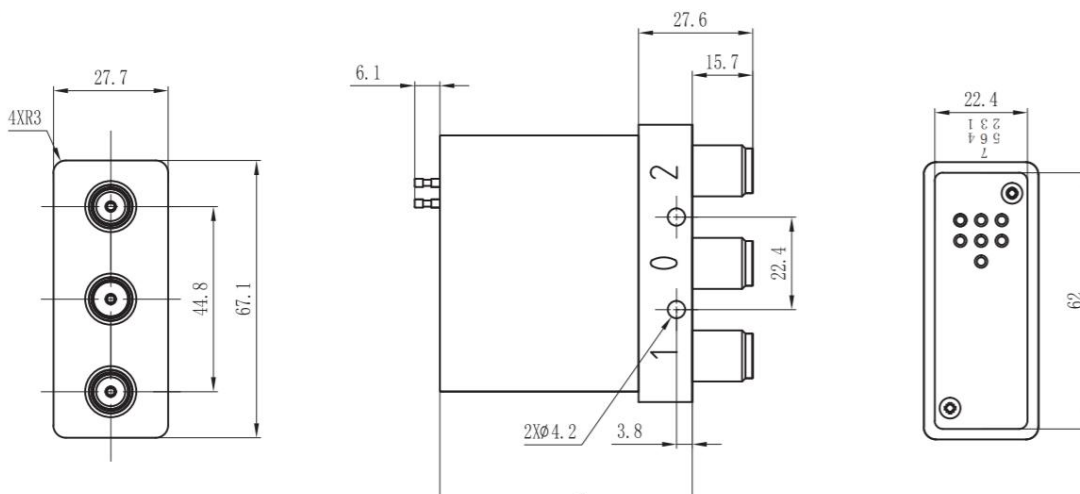
RF Range (GHz)	Insertion loss(dB)	Isolation (dB)	Standing wave
DC-5	0.3	70	1.3
5-12	0.5	60	1.5
12-18	0.7	50	1.7

◆ Operating voltage/current

Operating voltage (V)		12	24	28
Current(mA)	Failsafe	300	180	150
	Latching	320	180	150

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

◆ Product dimensions



L=61(Standard/TTL)



◆ Product features

- DC to 18 GHz
- Low SWR, low loss, high isolation
- Connector form N
- TTL level control is selectable

◆ Technical specifications

Switching sequence: Break first, then close

Switching rate: <15ms

Operating temperature:

-25°C~65°C (standard)

-55°C~85°C(Temperature expansion)

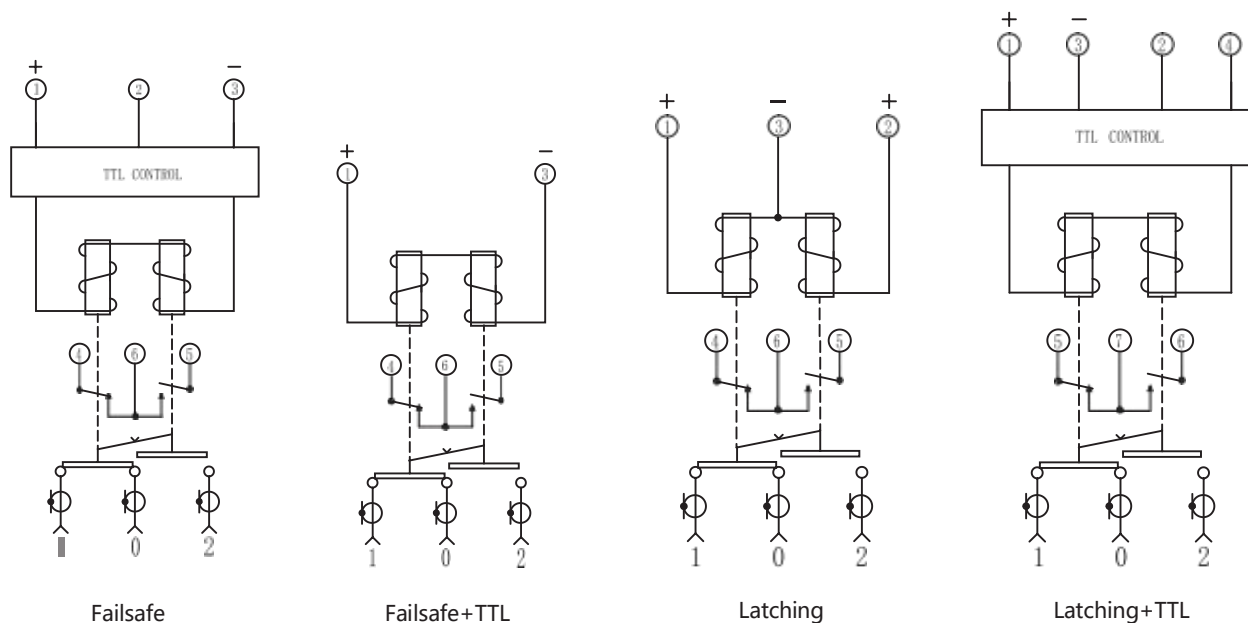
Switching life: 2 million times

RF connector: N Female

Control interface: terminal

Shock (non-working state): 30G、1/2 Sine、11 ms

Vibration (operating state): 20-2000Hz, 10GRMS



Switching method		RF Channel	Pin definition	
			Pin	
			Motivation	Feedback
Failsafe	NO TTL	0→1	NC	6→4
		0→2	1:VDC, 3:GND	6→5
	TTL	0→1	NC	6→4
		0→2	1:VDC, 3:GND , 2:TTL	6→5
Latching	NO TTL	0→1	1:VDC, 3:GND	6→4
		0→2	2:VDC, 3:GND	6→5
	TTL	0→1	1:VDC, 3:GND , 2:TTL	6→4
		0→2	1:VDC, 3:GND , 4:TTL	6→5