SP10T 18GHz
Normally open

◆ RF Features

RF Range (GHz)	Insertion loss (dB)	Isolation(dB)	Standing wave
DC -6	0.3	70	1.3
6 - 12	0.4	60	1.4
12 - 18	0.5	50	1.5

◆ Operating voltage/current

Operating voltage (V)		12	24	28
Current(mA)	Normally Open	300	150	140

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

◆ Product dimensions
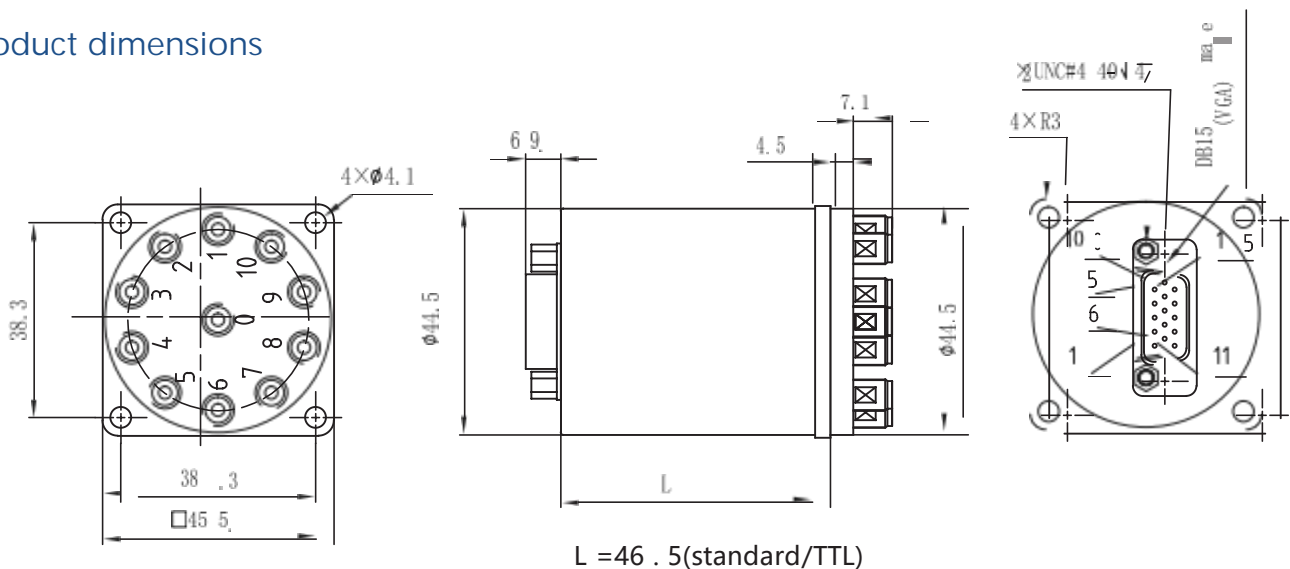
L =46 . 5(standard/TTL)

◆ Technical specifications

Switching sequence: first break and then close

Switching rate: <15ms

Operating temperature:

-25℃~65℃ (standard)

-55℃~85℃(Temperature expansion)

Switching life: 2 million times

RF connector: SMA Female

Control interface: DB15 Male

Impact (non-working state): 30G, 1/2 Sine, 11ms

Vibration (operating state): 20-2000Hz、

10G RM

SP10T 26.5GHz
Normally open

RF SWITCH
S10-0N26122A
12V DC-26.5GHz
20090837

◆ RF Features

RF Range (GHz)	Insertion loss (dB)	Isolation (dB)	Standing wave
DC -6	0.3	70	1.3
6 - 12	0.4	60	1.4
12 - 18	0.6	50	1.6
18 -26. 5	0.7	50	1.7

◆ Operating voltage/current

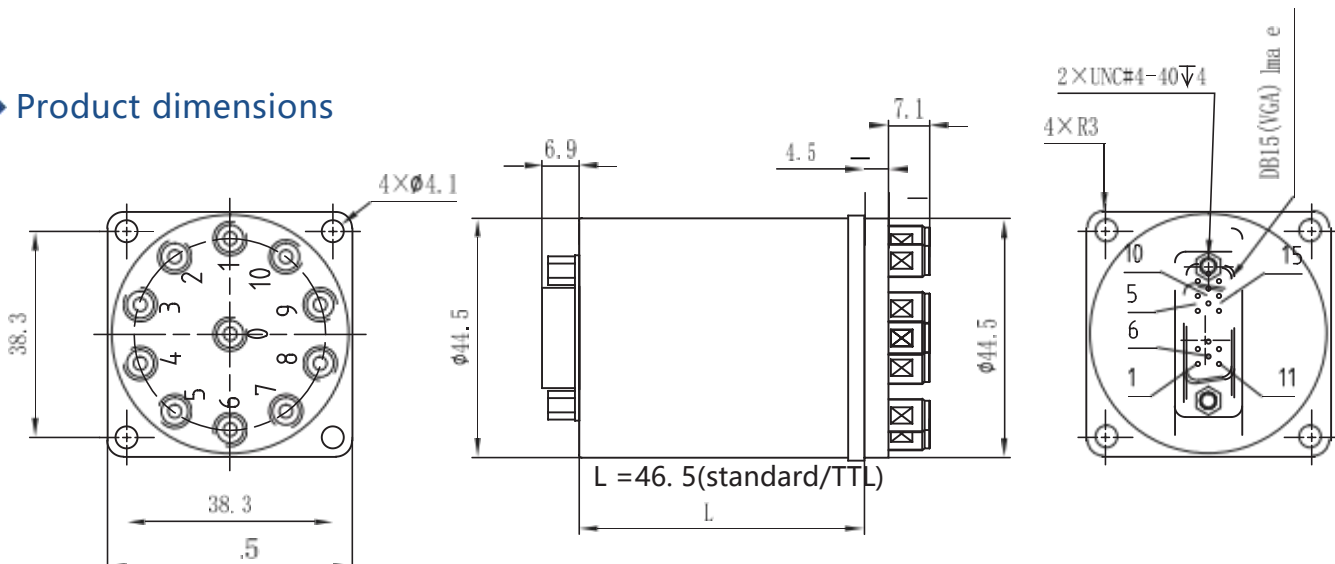| Operating voltage (V)		12	24	28
Current(mA)	Normally Open	300	150	140

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

Product features

◆ DC to 26.5GHz

Low SWR, low loss, high isolation

Connector form SMA

TTL level control is selectable

◆ Product dimensions

L =46. 5(standard/TTL)

Technical specifications

Switching sequence: first break and then close

Switching rate: <15ms

Operating temperature:

 -25℃~65℃ (standard)

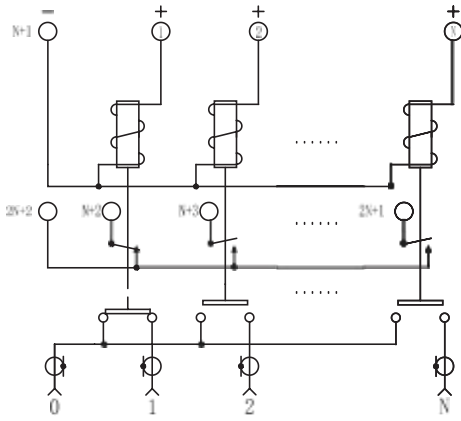55℃~85℃(Temperature expansion)

Switching life: 2 million times

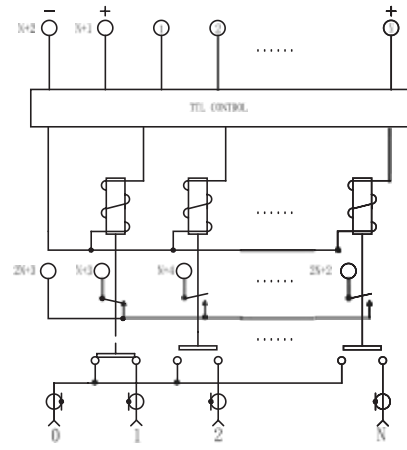RF connector： SMA Female

Control interface： DB15 Male

Impact (non-working state): 30G, 1/2 Sine, 11ms

Vibration (operating state): 20-2000Hz、

10G RM

Normally Open

Normally Open+TTL

Switching method SPnT, n=9、10		RF Channel	Pin definition	
			DB15/DB25 MALE	
			Motivation	Feedback
Normally open	NO TTL	0→1	1:VDC，n+1:GND	2n+2→n+2
		0→2	2:VDC，n+1:GND	2n+2→n+3
		0→n	n:VDC，n+1:GND	2n+2→2n+1
	TTL	0→1	1:TTL , n+1:VDC , n+2:GND	2n+3→n+3
		0→2	2:TTL , n+1:VDC , n+2:GND	2n+3→n+4
		0→n	n:TTL , n+1:VDC , n+2:GND	2n+3→2n+2