

DPDT 18GHz

Failsafe / Latching

◆ RF Features

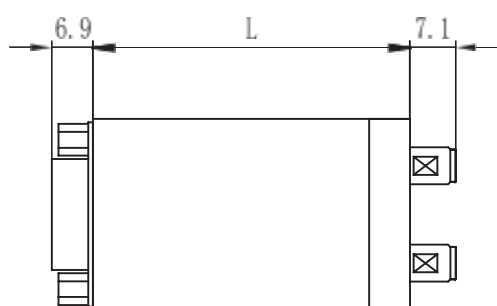
RF Range (GHz)	Insertion loss(dB)	Isolation (dB)	Standing wave
DC -6	0.3	70	1.3
6 -12	0.4	60	1.4
12 - 18	0.5	55	1.5

◆ Operating voltage/current

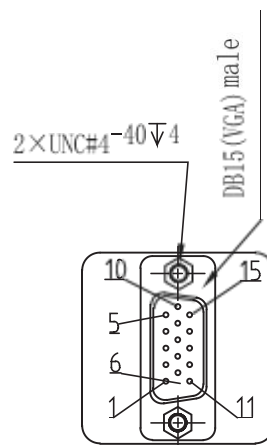
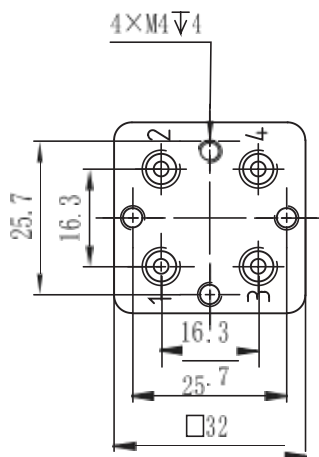
Operating voltage (V)		12	24	28
Current(mA)	Failsafe	350	200	180
	Latching	400	200	185

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

◆ Product dimensions



L=48(standard/TTL)



◆ Product features

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

◆ Technical specifications

Switching sequence: first break and 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: SMA Female

Control interface: DB15 Male

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

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

DPDT 26.5GHz

Failsafe / Latching

◆ RF Features

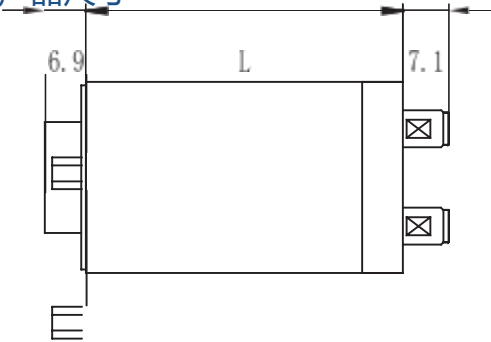
RF Range (GHz)	Insertion loss (dB)	Isolation (dB)	Standing wave
DC -6	0.3	70	1.3
6 -12	0.4	60	1.4
12 - 18	0.5	55	1.5
18 -26.5	0.7	50	1.7

◆ Operating voltage/current

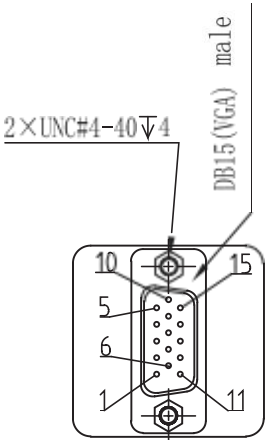
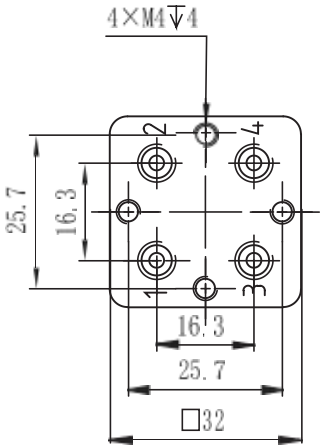
Operating voltage (V)		12	24	28
Current(mA)	Failsafe	350	200	180
	Latching	400	200	185

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

◆ 产品尺寸



L=48(standard/TTL)



◆ Product features

- DC to 26.5GHz
- Low SWR, low loss, high isolation
- Connector form SMA
- TTL level control is selectable

◆ Technical specifications

Switching sequence: first break and 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: SMA Female

Control interface: DB15 Male

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

Vibration (operating state): 20-2000Hz、 10G RMS

DPDT 40GHz

Failsafe / Latching

◆ RF Features

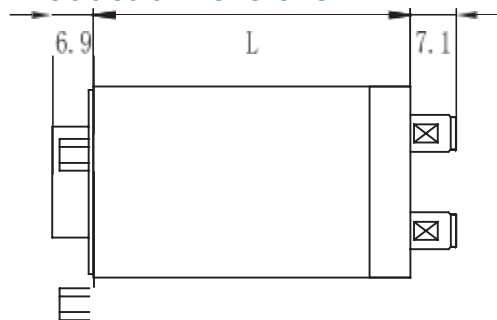
RF Range (GHz)	Insertion loss(dB)	Isolation (dB)	Standing wave
DC -6	0.3	70	1.3
6 - 12	0.4	70	1.4
12 - 18	0.5	55	1.5
18 - 26.5	0.7	50	1.7
26.5 - 32	0.8	50	1.8
32 - 40	0.9	50	1.9

◆ Operating voltage/current

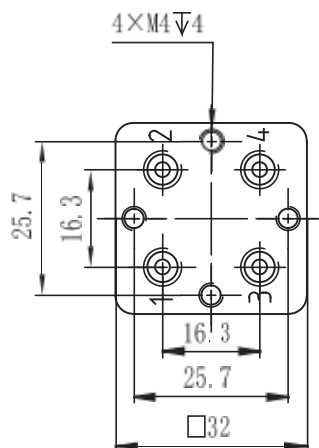
Operating voltage (V)		12	24	28
Current(mA)	Failsafe	350	200	180
	Latching	400	200	185

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

◆ Product dimensions

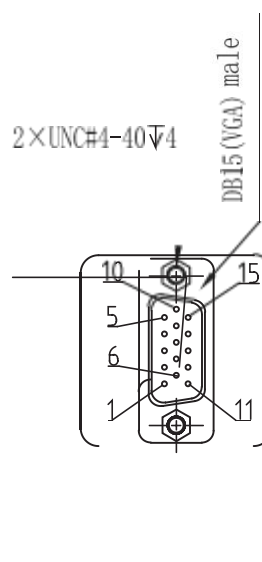


L=48(standard/TTL)



◆ Product features

- DC to 40GHz
- Low SWR, low loss, high isolation
- Connector form 2.92
- TTL level control is selectable



◆ Technical specifications

Switching sequence: first break and then close

Switching life: 2 million times

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

RF connector: 2.92 Female

Vibration (operating state): 20-2000Hz、10G RMS

Switching rate: <15ms

Control interface: DB15 Male

Operating temperature:

-25°C~65°C (standard)

-55°C~85°C(Temperature expansion)

DPDT 50GHz

Failsafe / Latching

◆ RF Features

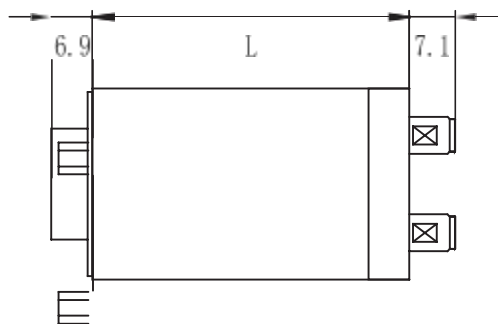
RF Range (GHz)	Insertion loss (dB)	Isolation (dB)	Standing wave
DC -6	0.3	70	1.3
6 - 12	0.4	70	1.4
12 - 18	0.5	55	1.5
18 - 26.5	0.7	50	1.7
26.5 - 32	0.8	50	1.8
32 - 40	0.9	50	1.9
40 - 50	1.0	45	2.0

◆ Operating voltage/current

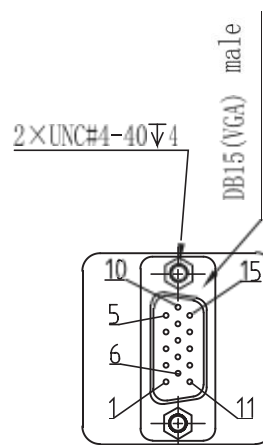
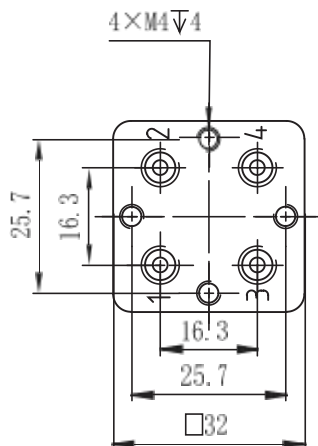
Operating voltage (V)	12	24	28
Current (mA)	Failsafe	350	200
	Latching	400	200
		180	185

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

◆ Product dimensions



L=48(standard/TTL)



◆ Product features

- DC to 50GHz
- Low SWR, low loss, high isolation
- Connector form 2.4
- TTL level control is selectable

◆ Technical specifications

Switching sequence: first break and then close

Switching rate: <15ms

Operating temperature:

-25°C~65°C (standard)

-55°C~85°C(Temperature expansion)

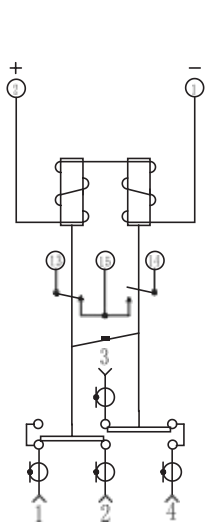
Switching life: 2 million times

RF connector: 2.4 Female

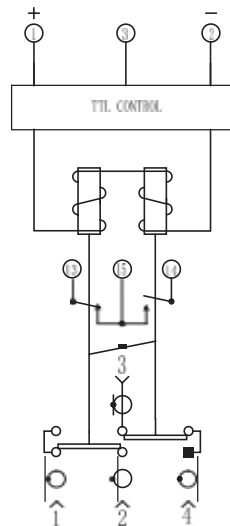
Control interface: DB15 Male

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

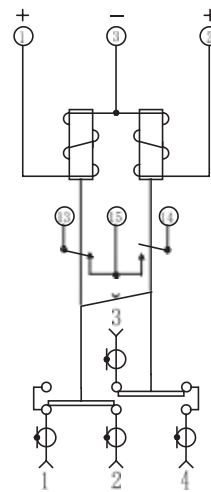
Vibration (operating state): 20-2000Hz、10G RMS



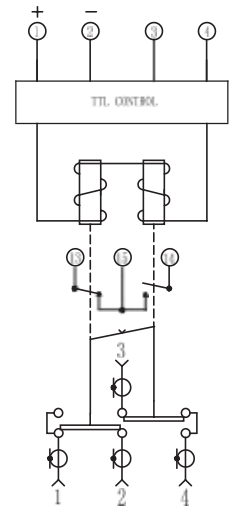
Fail-safe



Fail-safe+TTL



Latching



Latching+TTL

Switching method		RF Channel	Pin definition	
			DB15 MALE	
			Motivation	Feedback
Fail-safe	NO TTL	1→2,3→4	NC	15→13
		1→3,2→4	1:GND, 2:VDC	15→14
	TTL	1→2,3→4	NC	15→13
		1→3,2→4	1:VDC, 2:GND, 3:TTL	15→14
Latching	NO TTL	1→2,3→4	1:VDC, 3:GND	15→13
		1→3,2→4	2:VDC, 3:GND	15→14
	TTL	1→2,3→4	1:VDC, 2:GND, 3:TTL	15→13
		1→3,2→4	1:VDC, 2:GND, 4:TTL	15→14