

N Type Transfer Switch

Latching Type DC-12.4GHz

L2HN2 is High Power Series

RF SPEC.

* Power handing: VSWR=1.1, @25℃, sea level, cold switch
Other Frequency 900W@32-100MHz

3000W@32-100MHZ(High Power)

** High Power Type Frequency Range:DC-6GHz (Up 6GHz Pls.
Contact to factory)



Frequency Range		DC-500MHz	0.5-1GHz	1-2GHz	2-3GHz	3-6GHz	6-12.4GHz
VSWR		<1.05	<1.10	<1.15	<1.20	<1.35	<1.60
Insertion Loss		<0.08dB	<0.10dB	<0.15dB	<0.20dB	<0.40dB	<0.80dB
Isolation		>90dB	>85dB	>80dB	>80dB	>70dB	>60dB
Power Handing(CW)	Normal	400W	300W	240W	200W	150W	100W
	High Power**	1600W	1100W	750W	650W	450W	--

- . RF Impedance: 50 ohm
- . Operating Voltage: DC12/800mA(DC24V/400mA)
- . Switching Time: <20ms
- . Life: >1000000 cycles
- . Switching Sequence: Break Before Make
- . Operating Temperature: -30 ~ +65℃
- . RF Interface: SMA female

P/N SPEC.:

Series	Control Voltage		Frequency Range		COM Polarity	TTL Function		Self cut-off Circuits	Indicator	Plug	Option Function
L2N2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	-V (Anti Vibration)
L2HN2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	-W (Splash)
	0	5	DC5V		Negative	NO TTL		No	No	NO Plug	
	1	2	DC12V		Positive	1CH TTL		With	With	With Plug	
	1	5	DC15V	0		2CH TTL					
	2	4	DC24V	0							
	2	8	DC28V	1							
				3							
				6							
				2							

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P/N Samples

L2N21203-I (Latching Type Transfer Switch/DC12V(COM port Negative)/DC-3GHZ/N female/With Indicator)

L2N22403R (Latching Type Transfer Switch/DC24V(COM port Positive)/DC-3GHZ/N female)

L2HN22803T2-S-P-V (High Power Latching Type Transfer Switch/DC28V/DC-3GHZ/N female/2 channels TTL Control/With Plug/ Anti Vibration)

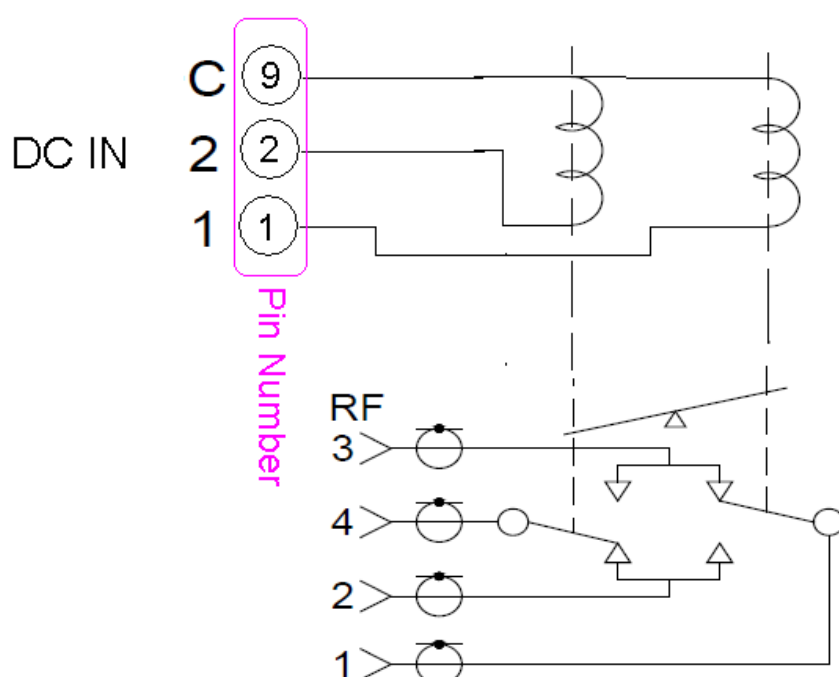
L2N22406T1-S-I (Latching Type Transfer Switch/DC24V/DC-6GHZ/N female/1 channels TTL Control/With self cut-off circuits /With Indicator)

Note 1) No COM Port Polarity SPEC. for TTL Control

2) 1CH TTL Control type has same function with Failsafe Type (With TTL control)

SCHEMATIC

Voltage Control



C –COM port (Pin9)

(This Port need SPEC. for Polarity)

1 (Pin1) ,2 (Pin2) Control Voltage Input Ports

DC IN	RF ON	RF OFF
1-C=V,2-C=0V	J1-J3 ; J2-J4	J1-J2 ; J3-J4
1-C=0V,2-C=V	J1-J2 ; J3-J4	J1-J3 ; J2-J4

Voltage Control with Indicator

Voltage Control Part:

DC IN COM is COM Port (Pin9)

(This Port need SPEC. for Polarity)

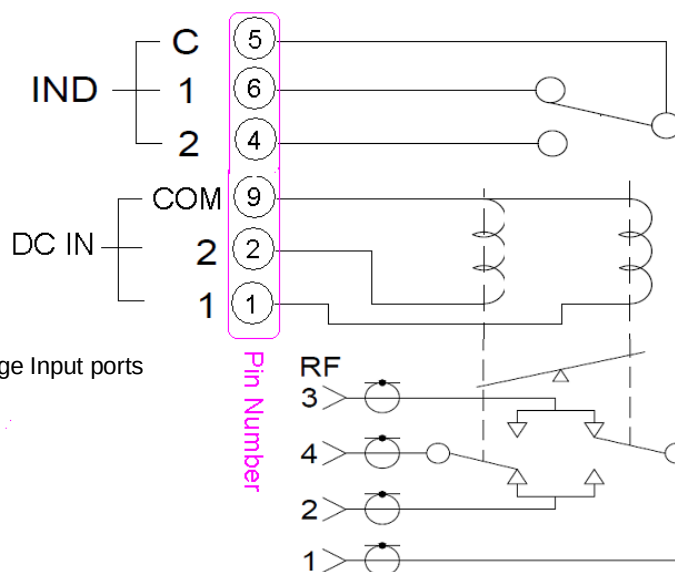
DC IN 1 (Pin1) ,DC IN 2 (Pin2) are Control Voltage Input ports

IND (Indicator) Part:

C (Pin5) is COM Port for Indicator

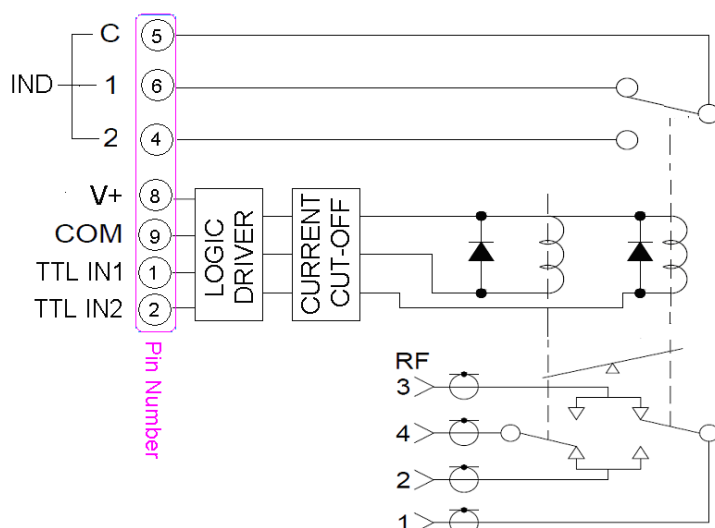
1 (Pin6) is "1" for Indicator

2 (Pin4) is "2" for Indicator



DC IN	RF ON	RF OFF	IND	
1-C=V,2-C=0V	J1-J3 ; J2-J4	J1-J2 ; J3-J4	C-1 ON	C-2 OFF
1-C=0V,2-C=V	J1-J2 ; J3-J4	J1-J3 ; J2-J4	C-1 OFF	C-2 ON

2 Channels TTL Control with Indicator:



公司网址: www.max-rf.com

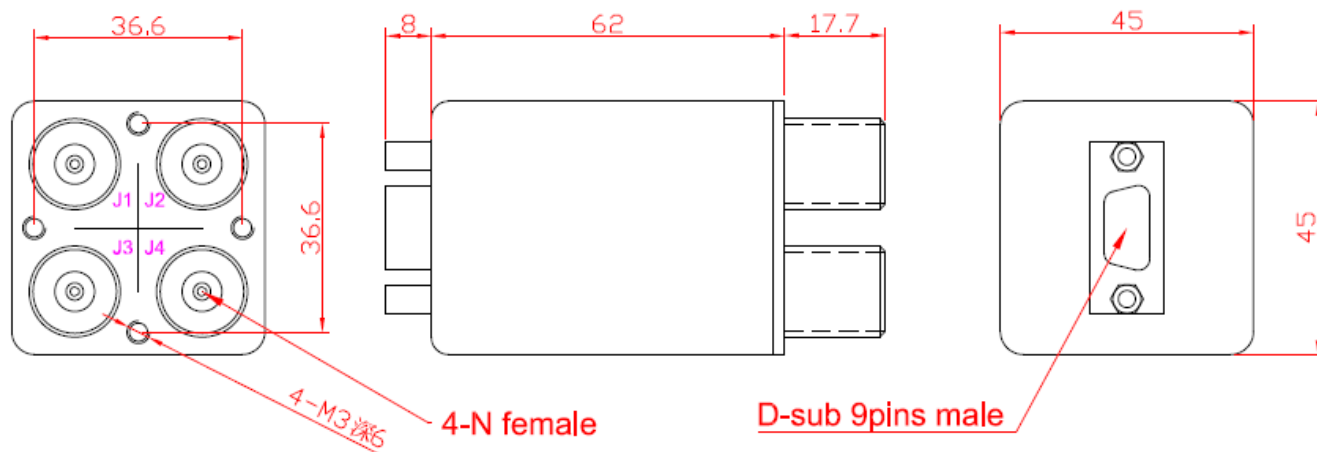
Pin Number SPEC. :

Pin1:TTL Logic Inputs

Pin9: COM RTN for TTL& Control Voltage

Pin8:Control Voltage Positive Port

Pin4,5,6:For Indicator

No Plug Outline (mm)**With Plug Outline (mm)**