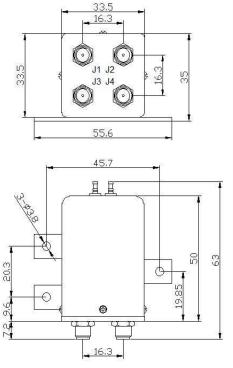
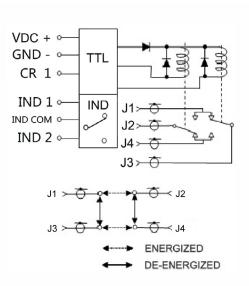


## NL801SW-04-105

DPDT Failsafe IND TTL DC-10.5GHz High Power Wide Temperature Coaxial Switch







Coaxial switches could be controlled by voltage or computer programmable and are used in switching over in microwave circuit. According to the amount of output ports they include SPDT-SP8T, 2PDT, 2P3T and Transfer etc.

## **Mechanical Specifications**

Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum
Operating Tem.	-40° C ~ +85° C
Dimensions	55.6×35×63mm
Weight	150g

## **RoHS Complient: Yes**

## **Electrical Specifications**

Dimensions	Frequency (GHz)	VSWR (max)	Ins.Loss (dB)	lsolation ( dB)	Operating Voltage (V)	Control Interface
NL801SW-04-105	DC-2	1.15	0.20	>90	- 28(DC)	TTL
	2-4	1.20	0.20	>80		
	4-6	1.30	0.30	>70		
	6-10.5	1.40	0.40	>60		

Impedance: 50Ω Mechanical Life: 10<sup>6</sup> cycles Switching Speed: <20ms Connector Type: SMA(F) Contact: Break before make



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Actuator: Failsafe Actuator Voltage: 24-28V Actuator Current: 240mA Max@28V Power Handling: 200W CW@1GHz Random Vibration: 6g's rms

- ⊚ ⊚ 1 + ⊚ ⊚ C	Control Connector	Power		TTL	Indicator		
	Connector	+	-	CR1	1	Com	2
CR1 () () 2	J1-J2,J3-J4	+28V	GND	0V	OFF	Connect	
	J1-J3,J2-J4	+28V	GND	5V	Con	Connect	

Notes:

1. Dimensions Tolerance ±2%

2. This switch adapts to cold switching.



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