

HX18KG9082G SP8T Switch

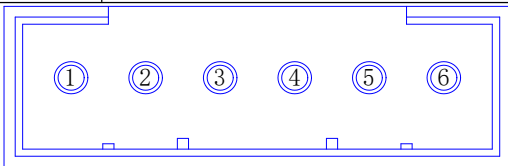
1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP8T Switch
1-2	Frequency Range	0.4 ~ 18GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤4.0dB@0.4 ~ 12GHz ≤5.0dB@12 ~ 18GHz
1-5	Amplitude Balance	≤0.5dB
1-6	VSWR	≤2.0
1-7	Impedance	50Ω
1-8	RF Input Power	1W
1-9	Switching Speed	≤200ns
1-10	Input/Output Connectors	SMA-F
1-11	Control Connectors	JL4-6ZJW (Packing JL4-6TKH)
1-12	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-13	DC Power Supply	+5V/≤400mA

2. Environmental Specifications

ID	Items	Specifications
2-1	Operational Temperature	-40℃ ~ +70℃
2-2	Storage Temperature	-55℃ ~ +85℃

3. Interface

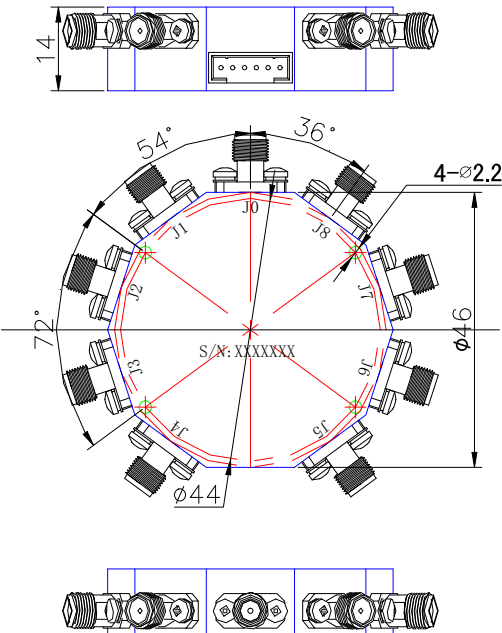
ID	Items	Specifications
3-1	Control Connectors	JL4-6ZJW
		
3-2	ID	Specifications
	1	+5V
	2	GND
	3	C1
	4	C2
	5	C3
	6	C4

4. Truth Table

ID	C4	C3	C2	C1	Signal Path State
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4-1	0	0	0	0	J0→J1
	0	0	0	1	J0→J2
	0	0	1	0	J0→J3
	0	0	1	1	J0→J4
	0	1	0	0	J0→J5
	0	1	0	1	J0→J6
	0	1	1	0	J0→J7
	0	1	1	1	J0→J8
	1	X	X	X	All Ports Off

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm 		
5-2	Material	Aluminum
5-3	Finished	Natural Color
5-4	Weight	≤100g

NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT IDTICE AT ANY TIME.