

HX18KG4082G SP8T Switch

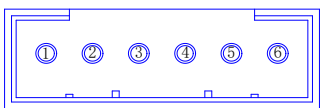
1. Description

ID	Items	Specifications
1-1	Type	Absorptive High Isolation SP8T Switch
1-2	Frequency Range	0.4GHz ~ 8.5GHz
1-3	Isolation	≥110dB
1-4	Insertion Loss	≤5.0dB
1-5	VSWR	≤1.6
1-6	Impedance	50Ω
1-7	RF Input Power	2W
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	JL4-6ZJW (JL4-6TKH)
1-11	Control	TTL=0V/3.3V ~ 5V
1-12	DC Power Supply	+5V/≤400mA

2. Environmental Specifications

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

3. Interface

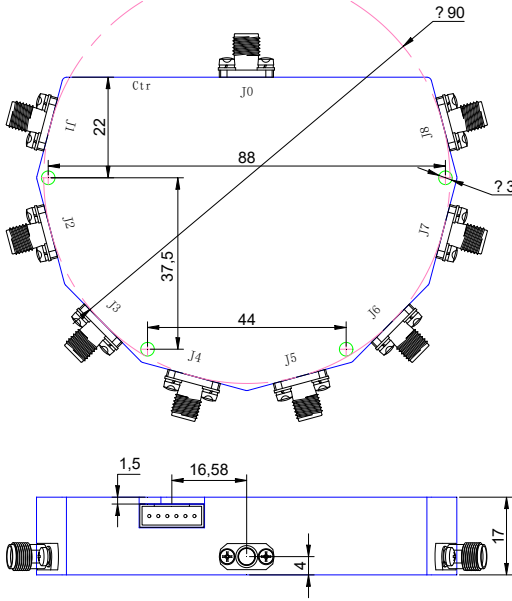
ID	Items	Specifications
3-1	Control Connectors	JL4-6ZJW
		
3-2	NO	Specifications
	1	+5V
	2	GND
	3	C1
	4	C2
	5	C3
	6	C4

4. Truth Table

ID	C4	C3	C2	C1	Signal Path State
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 OFF

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
<p>Tolerances: ±0.1mm</p>  <p>The drawing shows a circular component with eight ports labeled J0 through J8. Key dimensions include a radius of 22 mm, a center-to-center distance of 88 mm, and a diameter of 90 mm. A side view shows a thickness of 17 mm and a mounting hole diameter of 4 mm. Other dimensions include 1.5 mm, 16.58 mm, 37.5 mm, and 44 mm.</p>		
5-2	Material	Aluminum
5-3	Finished	Nickel Plated
5-4	Weight	/

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