

HX18KG6081G SP8T Switch

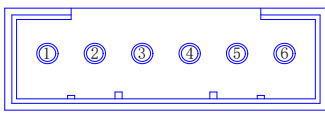
1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP8T Switch
1-2	Frequency Range	0.4 ~ 13GHz
1-3	Isolation	≥110dB
1-4	Insertion Loss	≤5.0dB
1-5	VSWR	≤1.6
1-6	Impedance	50Ω
1-7	RF Input Power	1W
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	HX20007-WAP1
1-11	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-12	DC Power Supply	+5V/≤500mA

2. Environmental Specifications

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

3. Interface

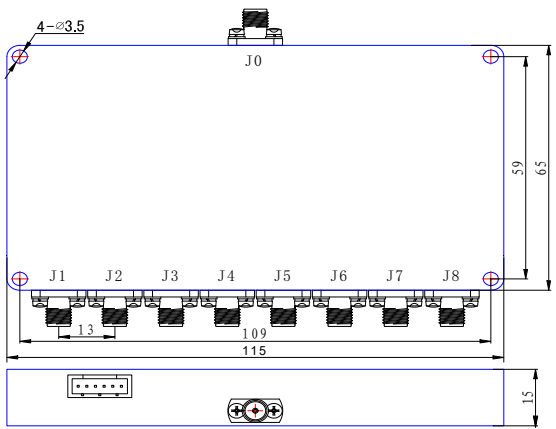
ID	Items	Specifications
3-1	Control Connectors	HX20007-WAP1
		
3-2	NO	Specifications
	1	+5V
	2	GND
	3	C1
	4	C2
	5	C3
	6	C4

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	Shut Down All

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
<p>Tolerances:±0.1mm</p>  <p>The drawing shows a rectangular component with a top flange labeled J0. Below the flange is a row of eight connectors labeled J1 through J8. Dimensions include a top flange width of 115 mm, a distance of 13 mm from the left edge to the first connector, and a total distance of 109 mm between the first and last connectors. The overall height of the component is 65 mm, with a distance of 59 mm from the top flange to the bottom edge. There are four mounting holes at the top corners, each with a diameter of 3.5 mm. A small detail drawing of a hole is shown at the bottom center.</p>		
5-2	Material	Aluminum
5-3	Finish	Natural Color Conductive Oxidation
5-4	Weight	/

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